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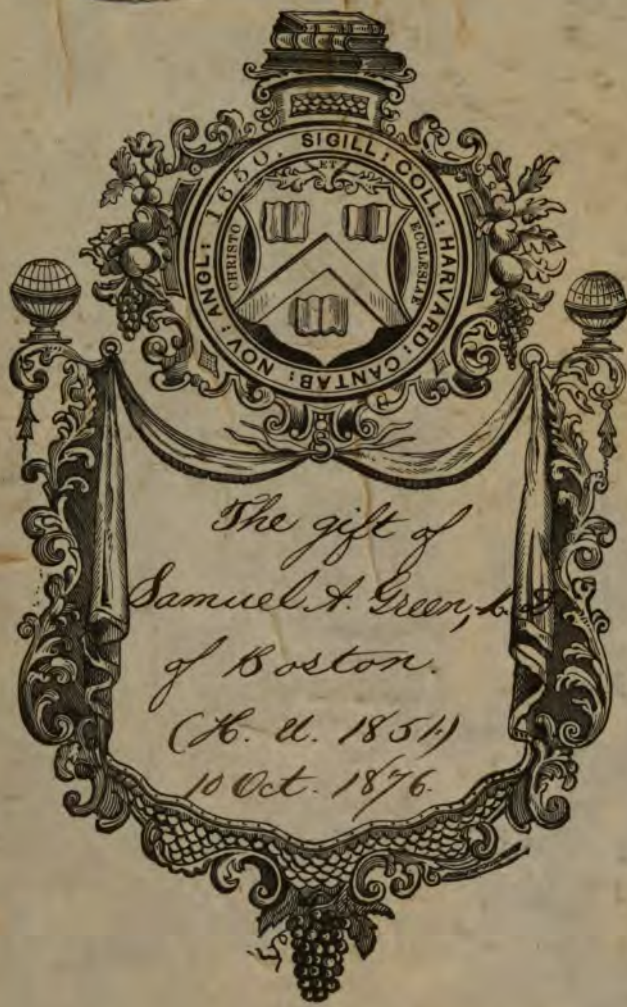
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the 1990s, the number of people in the UK who are employed in the public sector has increased by 1.5 million, from 2.5 million in 1980 to 4 million in 1995. The public sector has become a major employer in the UK, and its growth has been a major factor in the overall growth of the economy.

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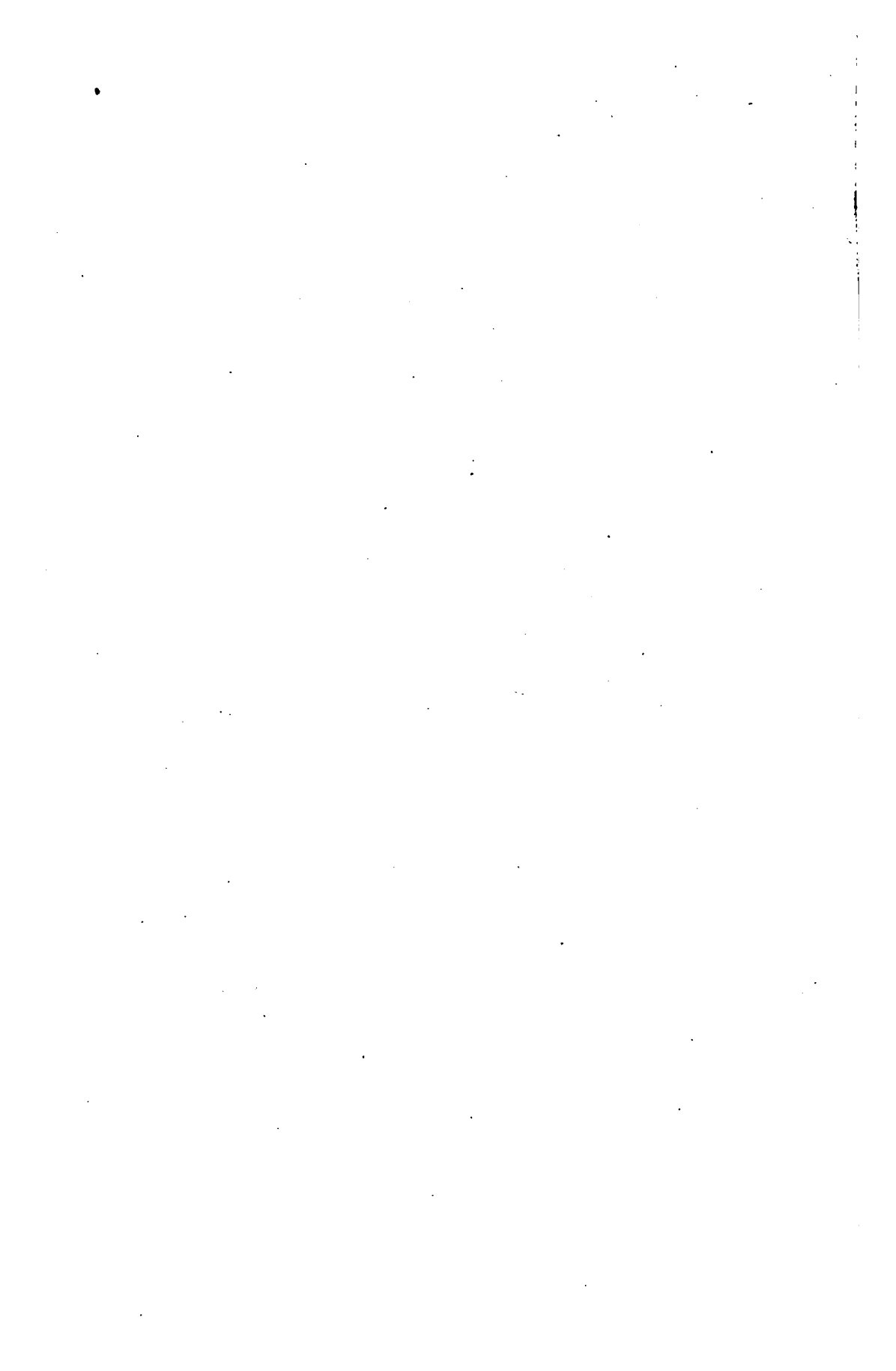
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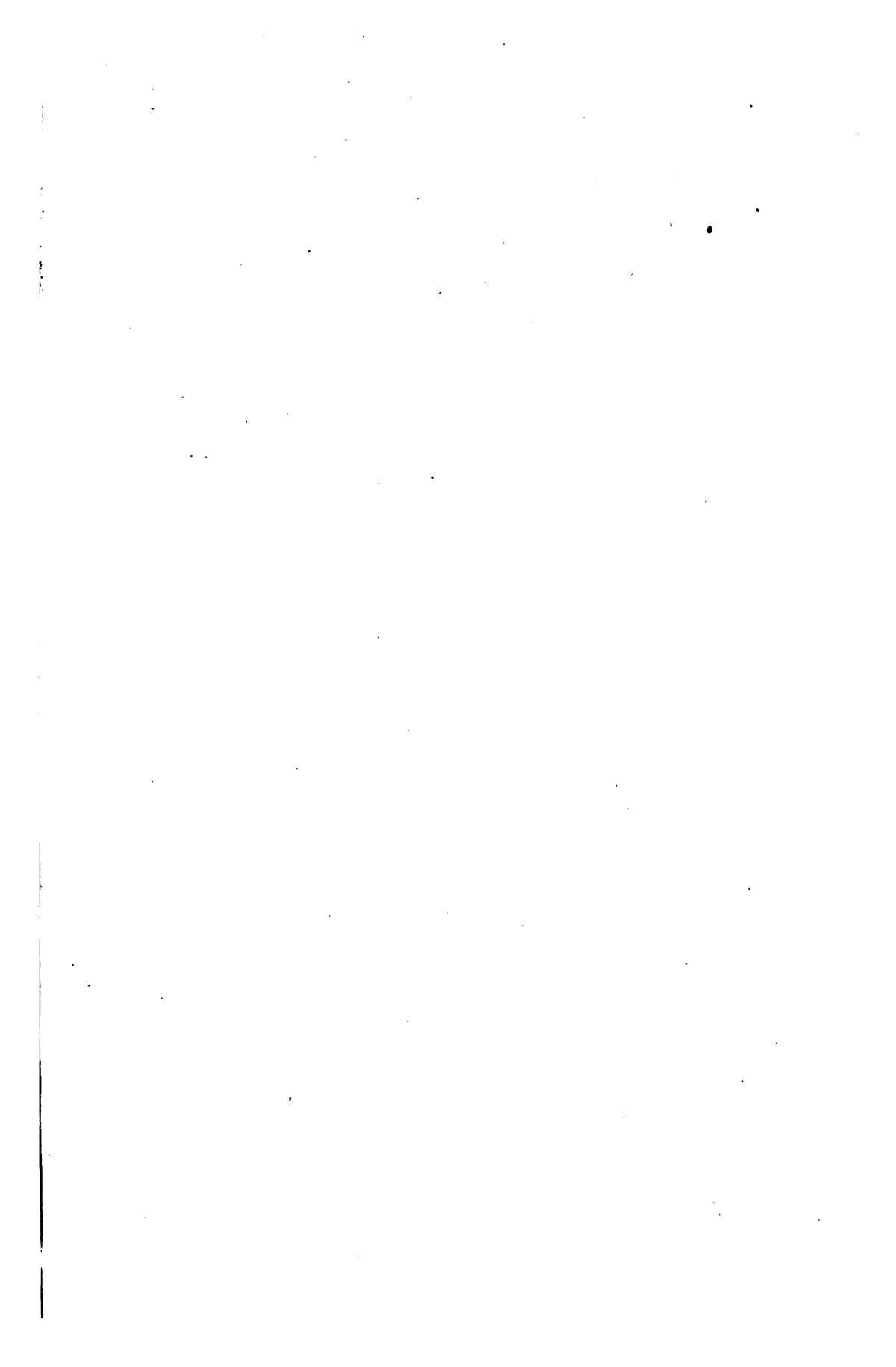
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# CENTENNIAL EDITION

— OF THE —

## FOURTH ANNUAL REPORT

— OF THE —

*Kansas*

# State Board of Agriculture

— TO THE —

LEGISLATURE OF THE STATE OF KANSAS,

For the Year Ending November 30, 1875,

COMPILED FROM THE ORIGINAL REPORT BY THE

## STATE BOARD OF CENTENNIAL MANAGERS,

As required by an Act to provide for a Second Edition of the Fourth Annual Report of the State Board of Agriculture, approved March 4, 1876.

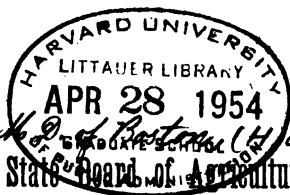
## ILLUSTRATED.

EMBRACING STATISTICAL EXHIBITS, WITH DIAGRAMS, IN COLORS, OF THE AGRICULTURAL, INDUSTRIAL, MERCANTILE, AND OTHER INTERESTS OF THE STATE, TOGETHER WITH A COLORED OUTLINE MAP OF THE STATE, SHOWING CONGRESSIONAL AND LAND DISTRICTS, AND SECTIONAL MAPS, IN COLORS, OF EACH ORGANIZED COUNTY, SHOWING THEIR RELATIVE SIZE AND LOCATION, RAILROADS, RAILROAD AND PUBLIC LANDS, TOWNS, SCHOOL HOUSES, WATER-POWERS, ETC., ETC.

C GEO. W. MARTIN, PUBLIC PRINTER.

1876.

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1876, Oct. 10. Gift of Saml A. Green, M.D. of Boston (H. 26. 1857.)  
 Officers and Members of the State Board of Agriculture

|                      |                         |              |
|----------------------|-------------------------|--------------|
| PRESIDENT .....      | GEORGE T. ANTHONY ..... | Leavenworth. |
| VICE-PRESIDENT ..... | GEO. W. GLICK .....     | Atchison.    |
| TREASURER .....      | J. C. WILSON .....      | Topeka.      |
| SECRETARY .....      | ALFRED GRAY .....       | Topeka.      |

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|                                              |                   |                      |
|----------------------------------------------|-------------------|----------------------|
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| O. D. HARMON .....                           | CADY .....        | Linn County.         |

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|                          |                                                                   |            |
|--------------------------|-------------------------------------------------------------------|------------|
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| ENTOMOLOGIST .....       | E. A. POPENOE .....                                               | Topeka.    |
| METEOROLOGIST .....      | PROF. FRANK H. SNOW .....                                         | Lawrence.  |
|                          | (Professor of Natural History and Meteorology, State University.) |            |
| BOTANIST .....           | PROF. JAMES H. CARRUTH .....                                      | Lawrence.  |
| CHEMIST .....            | PROF. W. K. KEDZIE .....                                          | Manhattan. |
|                          | (Professor of Chemistry, State Agricultural College.)             |            |
| SIGNAL SERVICE COM. .... | FRANK H. SNOW .....                                               | Lawrence.  |
|                          | B. F. MUDGE .....                                                 | Manhattan. |
|                          | J. H. CARRUTH .....                                               | Lawrence.  |
| TAXIDERMIST .....        | O. S. GEORGE .....                                                | Topeka.    |

### Officers and Members of the State Board of Centennial Managers.

|                      |                       |              |
|----------------------|-----------------------|--------------|
| PRESIDENT .....      | GEO. T. ANTHONY ..... | Leavenworth. |
| VICE-PRESIDENT ..... | W. L. PARKINSON ..... | Ottawa.      |
| SECRETARY .....      | ALFRED GRAY .....     | Topeka.      |
| TREASURER .....      | GEO. W. GLICK .....   | Atchison.    |

### MANAGERS.

|                        |             |
|------------------------|-------------|
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| GEO. A. CRAWFORD ..... | Fort Scott. |
| E. P. BANCROFT .....   | Emporia.    |
| C. F. KOESTER .....    | Marysville. |
| T. C. HENRY .....      | Salina.     |
| R. W. WRIGHT .....     | Oswego.     |
| W. E. BARNES .....     | Vinland.    |

OFFICE OF THE STATE BOARD OF AGRICULTURE, }  
CAPITOL BUILDING, TOPEKA, NOV. 30, 1875. }

*To the Governor of the State of Kansas :*

We have the honor to transmit herewith the revised edition of the Annual Report of the Transactions of the State Board of Agriculture for the year 1875, in pursuance of "An Act to provide for a second edition of the Fourth Annual Report of the State Board of Agriculture," approved March 4, 1876.

Very respectfully,

GEO. T. ANTHONY,  
*President.*

ALFRED GRAY,  
*Secretary.*





# FACTS IN RELATION TO KANSAS.

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## THE TESTIMONY OF IMPARTIAL OBSERVERS.

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By DANIEL W. WILDER.

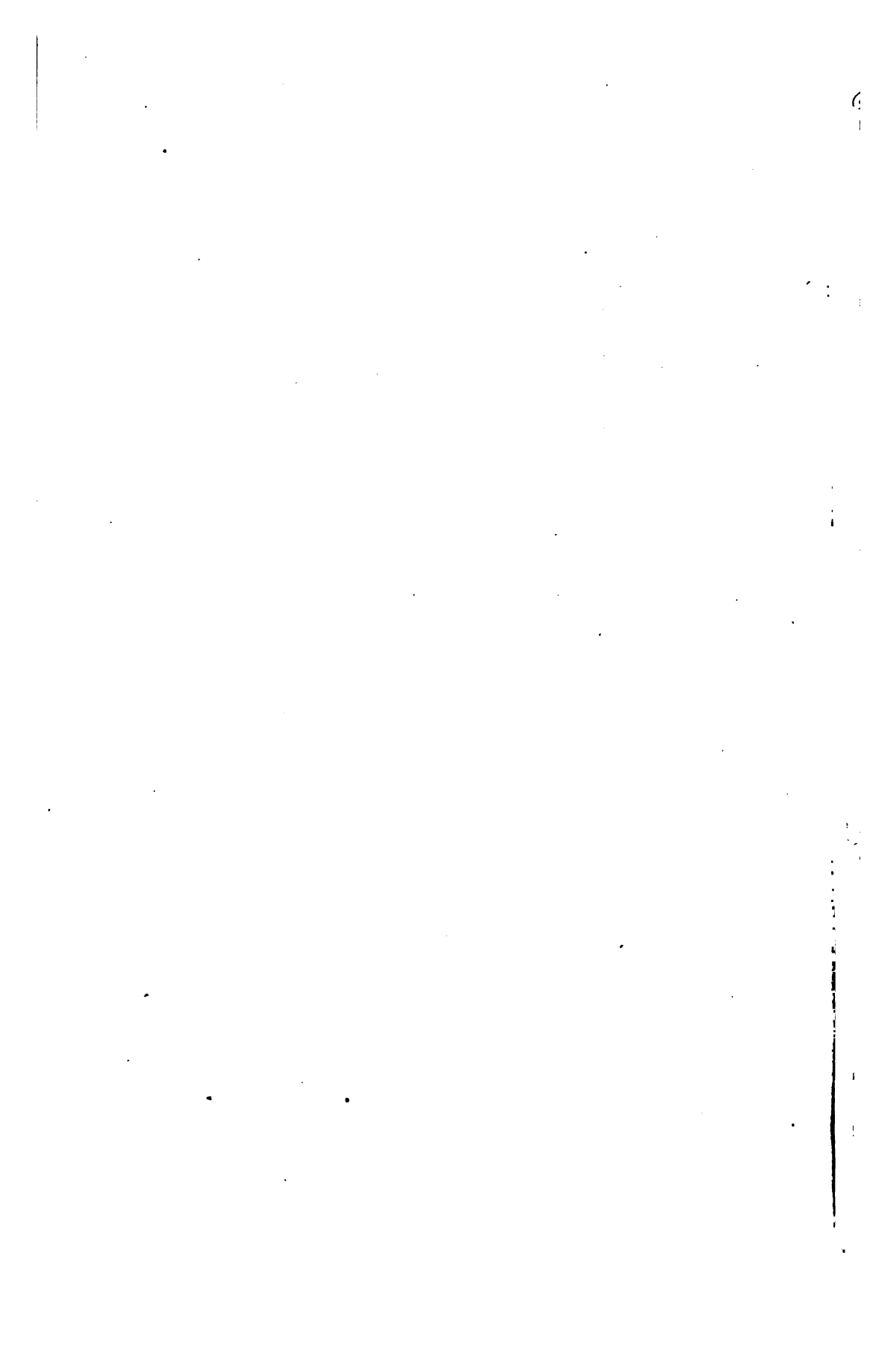
THE birth and growth of an American State is one of the most remarkable events which men in our day have the opportunity of seeing pass before them. A large tract of country is this year destitute of dwelling houses, of cultivated fields, of fixed inhabitants; Indians wander over it, but do not leave a single trace of having made a home or subdued the soil—of having changed the face of nature. Ten years hence, this desolate waste has become the home of thousands of people, coming from every State of the American Union, from the territory of every European power. During the present century, this grand drama has been enacted on the scene, extending from Pittsburgh to Topeka, from the Lakes to the Gulf; and millions of men have transformed the hunting ground of the savage into the home of the civilized and contented European.

To unfold this drama is to exhibit the heart and the power of the American nation. But these facts have become so familiar to us in the West, that they no longer attract attention; the recital of them has even become distasteful and unpleasant. The most frigid statement of the marvelous growth and development of the West, of a State like Kansas, is stigmatized as Fourth of July oratory, and spread-eagle eloquence. The miracle remains, however, no matter how cold the spectator.

The success of the Republic has been caused by the success of the new States. We grow because the laws are fair and just, because the land is cheap, and the climate good. And our growth in the past will be far transcended by the growth of the future. There is no other American Republic left to go to. There is a limit to the area of good land in healthful climates.

Those States are grandest, proudest, worthiest, best, which are born of a principle, whether religious, moral or political. The world will never tire of listening to the story of John Carver, Roger Williams, Lord Baltimore, William Penn, and John Brown. In after ages, the States of these men attract the students of history; during their development, the best thought of the world is on their side. In her Territorial days, Kansas was visited by Greeley, and Seward, and Lincoln, and other eminent men, who had made her cause their own, because it was the cause of mankind. The pens of the poets made our songs, and the most sacred desks proclaimed the religious duty of consecrating Kansas to freedom. The hymns and prayers which cheered the child in its cradle, will ring forever in the ears of matured manhood, and blossom into deeds of virtuous courage and magnanimity.

The soil of Kansas was first trodden upon by Europeans, in the winter of 1541-'2. the expedition was led by Coronado, from Mexico. At the same time Alarcon led an expedition, by sea, from Mexico to the North, and penetrated California. Contemporary with these explorers was the expedition of another Spaniard, De Soto,



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conceive a kind of life more calculated to put both mind and body in a healthful tone. A morning's ride of several hours, diversified by hunting incidents; an encampment in the afternoon under some noble grove on the borders of a stream; an evening banquet of venison, fresh killed, roasted, or broiled on the coals; turkeys just from the thickets, and wild honey from the trees; and all relished with an appetite unknown to the gourmets of the cities. And at night—such sweet sleeping in the open air, or waking and gazing at the moon and stars, shining between the trees!"

The first printing press in Kansas was brought to the Ottawa Baptist Mission, in 1834, by Rev. Joseph Meeker. The Presbyterians established the Iowa Indian Mission, near Highland, in 1835. Fremont went through Kansas with his first expedition in 1842. Fort Scott was selected that year as a military post. The Catholics established the Osage Mission, now in Neosho county, in 1847. They also established the Pottawatomie Mission, now at St. Mary's. In 1850, the Government surveyed the military road from Fort Leavenworth to Fort Kearney. Fort Riley was established in 1853.

Kansas was organized as a Territory by act of Congress, May 30, 1854. The law of 1820, declaring it free, was nullified, and the new law opened it to freedom or slavery, as its settlers might vote. This was called popular or squatter sovereignty. It was a pretense to establish slavery in Kansas. The Territory was the creature of the General Government; that Government was pro-slavery, and kept Kansas so until she became a State, by Republican votes, that party having obtained a national victory in November, 1860. The Territorial governors, judges and marshals, were appointed by slavery, and they, by legal and illegal means, kept slavery here.

The North and South entered into a contest to people the Territory. The North out-emigrated the South. The contest led to a civil war in Kansas. In this war, two hundred lives were lost, and not less than two millions in money.

The towns of Atchison, Leavenworth, Lawrence and Topeka, were founded in 1854; Lawrence and Topeka by Free State men. Lawrence was the Free State head-quarters, rallying point, and political centre during the whole Territorial struggle, and was the frequent victim of pro-slavery fire and sword. The first Territorial Legislature, in the summer of 1855, passed laws against free speech and a free press, legalizing slavery, and attempting to keep it here by barbarous penalties.



FIRST TERRITORIAL CAPITOL, AT PAWNEE, DAVIS COUNTY.

[The first Legislature met in this building July 2, 1855. Adjourned to the Shawnee Mission, July 6.]



SECOND TERRITORIAL CAPITOL, AT SHAWNEE MISSION, JOHNSON COUNTY.

[The first Legislature met in this building July 16, 1855. Adjourned August 30.]

To disobey those laws was called "levying war against the Territory," and "treason against the United States." The United States Marshal became the embodiment of the Territorial and Federal Governments, and his plan for making Kansas a Slave Territory, was to arrest and imprison the Free State men. He was perpetually riding over the Territory with his pockets full of writs and indictments against men, hotels and printing presses. When the Marshal failed to get his man, the Governor was called upon, and he summoned United States soldiers from Forts Leavenworth and Riley, and "Kansas" militia from Missouri, to act as a posse comitatus to the Marshal, in executing writs. Sometimes the Marshal had as many as twenty-five hundred pro-slavery men as a "posse." All this would have been a stupendous farce, had not the destiny of the nation hung upon the issue.

A census taken in February, 1855, showed a population of 8,601. In October, 1855, the Free State men met in Topeka and formed a Constitution. Officers were elected under it, Legislatures met, laws were passed but not enforced, and the movement served only to unite and give power and efficiency to the Free State party.



CONSTITUTION HALL, TOPEKA.

[The Free State Convention to frame a Constitution, met in this building October 23, 1855. Adjourned November 11.]

At a later day the House voted to admit Kansas under this Constitution, but the Senate did not become a free body until made so by secession, in 1861, and constantly spurned the appeals of Free Kansas.

The final National victory, the election of Abraham Lincoln, seemed to the South so decisive a triumph for freedom that she could save slavery only by a separate Confederacy. This determination continued the war in Kansas and gave birth to her second army of heroes—the volunteer soldiers of the civil war. These came without bounties, without a draft, and in larger proportionate numbers than any other State gave with bounties and with forced conscriptions.

From 1854 to 1865, the war was in Kansas. Houses were burned, fields laid waste, printing presses mobbed, whole towns destroyed, and hundreds of citizens massacred.



THIRD TERRITORIAL CAPITOL, AT LECOMPTON.

[The second Territorial Legislature met in this building January 12, 1857. Ad-

joined February 21. The bill to provide for electing a convention to frame the Lecompton Constitution, passed February 19.]



TERRITORIAL CAPITOL RUINS, AT LECOMPTON.

[The above is a view of all that is left of a fifty-thousand-dollar appropriation made by Congress in the pro-slavery days.]



FOURTH TERRITORIAL CAPITOL, AT LAWRENCE.

[The Third Territorial Legislature met at Lecompton, January 4, 1858. It adjourned to Lawrence, and met in this building January 8.]



FIFTH TERRITORIAL CAPITOL, AT LAWRENCE.

[The Fourth Territorial Legislature met at Lecompton, January 3, 1859. It adjourned to Lawrence, and met in this building January 4.]

No other State in the Union has had so turbulent, so painful, so heroic a history. In the battles of the Revolution and of the Rebellion, in the old States, the mother could always go to sleep without fear of the approach of the assassin. They were wars conducted under the rules of warfare. Here, in addition to the general struggle, we had the torch of the incendiary, and the unloosing of every dark and devilish passion that roams abroad when the laws are silent and tumult reigns.

The Report of Provost Marshal General Fry, made in January, 1867, shows the proportion per thousand men which each loyal State contributed to the item of mortality. Kansas heads the column; her proportion was 61.01; Vermont is second, 58.22; and Massachusetts third, 47.76. Gen. Fry says:

"Kansas shows the highest battle mortality of the table." \* \* \* "The same singularly martial disposition which induced above half of the able-bodied men of the State to enter the army without bounty, may be supposed to have increased their exposure to the casualties of battle after they were in the service."

Among the Kansas troops, the number of officers killed in battle was 86; enlisted men, 923. Number of officers died of wounds, 8; enlisted men, 259. Number of officers died of disease, 24; enlisted men, 2,170.

Through all these disasters Kansas never forgot to grow. The little strip of cultivated fields along the Missouri border kept growing wider and wider, until it broadened to the centre and beyond the centre of the State. There was a fascination in the fruitful fields and cheering climate which held the family to the farm, while the plowman had "gone for a soldier." The soldiers of other States who came here during the war, returned to become citizens when the war was over. "It suits us," was their verdict.

The distinguished historian, Francis Parkman, traveled through Kansas some years before its organization as a Territory, and thus recorded his impressions:

"We were passing through the country of the half-civilized Shawnees. It was a beautiful alternation of fertile plains and groves, whose foliage was just tinged with the hues of autumn, while close beneath them rested the neat log-houses of the Indian farmers. Every field and meadow bespoke the exuberant fertility of the soil. The maize stood rustling in the wind, matured and dry. Its shining, yellow ears thrust out between the gaping husks. Squashes and enormous yellow pumpkins lay basking in the sun, in the midst of their brown and shriveled leaves. Robins and blackbirds flew about the fences; everything, in short, betokened our near approach to home and civilization. The forests that border on the Missouri soon rose before us, and we entered the wide tract of shrubbery that forms their outskirts. We had passed the same road on our outward journey in the spring, but its aspect was totally changed. The young, wild apple trees, then flushed with their fragrant blossoms, were now hung thickly with ruddy fruit. Tall grass flourished by the roadside in place of the tender shoots just peeping from the warm and oozy soil. The vines were laden with dark, purple grapes, and the slender twigs of the maple, then tasseled with their clusters of small, red flowers, now hung out a gorgeous display of leaves stained by the frost with burning crimson. On every side we saw the tokens of maturity and decay where all had before been fresh and beautiful. We entered the forest, and ourselves and our horses were checkered as we passed along by the bright spots of sunlight that fell between the opening boughs. On either side, the dark, rich masses of foliage almost excluded the sun, though here and there its rays could find their way down, striking through the broad leaves, and lighting them with a pure, transparent green. Squirrels barked at us from the trees; coveys of young partridges ran rustling over the leaves below, and the golden oriole, the blue-jay, and the flaming red-bird, darted among the shadowy branches."

The Report of the Adjutant General, in 1865, credited Kansas with having contributed to the Union armies, 21,806 men. In 1861, the vote of the State was only 14,461. In 1864 the vote of the State was 21,835. History will be searched in vain for a parallel to this patriotism and this growth—this combination of heroic faith in the Union, and in Kansas. Such a people will not be scared from its plows or driven from its destiny by a visitation of grasshoppers.

It was of and for this people that Charles Sumner spoke in the United States Senate, on the 19th of May, 1856:

"Take down your map, sir, and you will find that the Territory of Kansas, more than any other region, occupies the middle spot of North America, equally distant from the Atlantic on the east, and the Pacific on the west; from the frozen waters of Hudson's Bay on the north, and the tepid Gulf Stream on the south, constituting the precise territorial centre of the whole vast continent. To such advantage of situation, on the very highway between two oceans, are added a soil of unsurpassed richness, and a fascinating, undulating beauty of surface, with a health-giving

climate, calculated to nurture a powerful and generous people, worthy to be a central pivot of American institutions.

"A few short months only have passed since this spacious mediterranean country was open only to the savage, who ran wild in its woods and prairies ; and now it has already drawn to its bosom a population of freemen larger than Athens crowded within her historic gates, when her sons, under Miltiades, won liberty for mankind on the field of Marathon ; more than Sparta contained when she ruled Greece, and sent forth her devoted children, quickened by a mother's benediction, to return with their shields or on them ; more than Rome gathered on her seven hills, when, under her kings she commenced that sovereign sway which afterwards embraced the whole earth ; more than London held, when, on the fields of Crecy and Agincourt, the English banner was carried victoriously over the chivalrous hosts of France."

With the advent of peace, it was not the North only that came to Free Kansas. There were carpet-baggers and ku-klux in the South. There were Free Schools, Free Lands, a brave and generous people in Kansas. The men of the South came here, rejoicing with our pioneers in the establishment of free institutions on these broad prairies. Five years after the close of the war, one person out of every five in Kansas was a native of the South. In 1870 the total population was 364,399 ; of this number, 73,925 were born in the Southern States. These citizens are among our most earnest and efficient promoters of every good cause. Their numbers have constantly increased since that date.



STATE CAPITOL, TOPEKA.

[This building was first occupied by State officers December 25, 1869.]

The composite peoples are the strongest, as well as the most sociable and tolerant. Kansas is not only made up of North, South, East and West Americans, but has a good delegation from the mother land beyond the sea. Her foreign-born population, in 1870, numbered 48,392 ; of these, 12,774 were born in Germany, 10,940 in Ireland, 6,150 in England, 1,531 in Scotland, 1,021 in Wales. Whole number born in Great Britain and Ireland, 19,923 ; in France, 1,274 ; in Denmark, 503 ; in Holland, 300 ; in Hungary, 38 ; in Italy, 55 ; in Luxemburg, 103 ; in Norway, 588 ; in Poland, 169 ; in Russia, 56. The German population is thus divided in the Census Tables : "Germany," 1,704 ; Prussia, 5,463 ; Baden, 931 ; Bavaria, 1,219 ; Brunswick, 28 ; Hamburg, 39 ; Hanover, 798 ; Hessen, 774 ; Lubeck, 5 ; Mecklenburg, 190 ; Nassau, 36 ; Oldenburg, 52 ; Saxony, 355 ; Weimar, 13 ; Wurtemberg, 1,168.

During the past five years large colonies have been founded here by Danes, Welshmen, Englishmen and Russian Mennonites. It takes all the people to make one strong people, and Kansas lacks no element needed for health, strength and freedom. The society thus made up, of men and women from every State in the Union, and every Nation in Europe, is the most agreeable in the world. There is no prejudice of birth ; there are no clans ; the narrowness of each native locality is broadened into the cosmopolitanism of the adopted home. The new generation of Kansas will not be northern or southern, native or foreign, but more American than any race that has yet been born in and controlled the destinies of any State



in the Union—a people with the best blue blood of courage, manliness, honor and intelligence.

The Territory of Kansas was embraced between the State of Missouri and the Rocky Mountains, and between the 37th and 40th degrees of latitude. The boundaries of the State remain the same on three sides, but Colorado has been cut off on the west, and the western boundary is now the 25th meridian. The State is 400 miles long, from east to west, and 200 miles wide; in other words, it is as long as the distance from Boston to Buffalo, and as wide as the distance from Philadelphia to Fortress Monroe.

The first census was taken in 1855, and gave a population of 8,601. In 1860, the General Government took a census, resulting as follows: 107,206. In 1865, by the State census, our population was 135,807. In 1870, the General Government again took the census, with this result: 364,399. This year, 1875, the census has been taken by the State Board of Agriculture, resulting as follows: 531,156.

Kansas did not become a State until January, 1861, and the era of peace did not begin until the close of the war, in 1865, ten years ago. Considering her youth, her growth has been marvelous and unparalleled. The above figures may be tabulated thus:

|                        |         |
|------------------------|---------|
| In 1855, February..... | 8,601   |
| In 1860, June.....     | 107,206 |
| In 1865, June.....     | 135,807 |
| In 1870, June.....     | 364,399 |
| In 1875, March.....    | 531,156 |

The gain in the decade from 1860 to 1870 was 239.90 per cent.—a greater increase than any other State made. Minnesota gained, in that decade, 155.61 per cent.; Iowa, 76.91 per cent.; Oregon, 73.30 per cent.; Illinois, 43.86 per cent., and Missouri, 45.62 per cent.

In 1860, Kansas ranked 33, in 1870, 29, among the States, in population.

The States below Kansas, with their rank and population in 1870, were as follows:

|                          |         |                   |
|--------------------------|---------|-------------------|
| 30th, Vermont.....       | 330,551 | Admitted in 1791. |
| 31st, New Hampshire..... | 318,300 | " " 1789.         |
| 32nd, Rhode Island.....  | 217,353 | " " 1789.         |
| 33rd, Florida.....       | 187,748 | " " 1845.         |
| 34th, Delaware.....      | 125,015 | " " 1789.         |
| 35th, Nebraska.....      | 122,993 | " " 1867.         |
| 36th, Oregon.....        | 90,923  | " " 1859.         |
| 37th, Nevada.....        | 42,491  | " " 1864.         |

Three other States had, in 1870, a less population than Kansas has now, viz., Minnesota, 439,706; West Virginia, 442,014, and Arkansas, 484,471.

Horace Greeley first visited Kansas in May, 1859. In one of his letters to the *New York Tribune*, he said:

"I like Kansas—that is, natural Kansas—better than I expected to. The soil is richer and deeper; the timber is more generally diffused; the country more rolling, than I had supposed them." \* \* \* "I consider Kansas well watered—no Prairie State better." \* \* \* "Springs, streams, creeks, rivers, are quite universal."

Mr. Greeley made a second visit to Kansas, in October, 1870. The following is copied from one of his letters in the *Tribune*:

"Settlers are pouring into Eastern Kansas by car-loads, wagon-loads, horse-loads, daily, because of the fertility of her soil, the geniality of her climate, her admirable diversity of prairie and timber, the abundance of her living streams, and the marvelous facility with which homesteads may here be created." \* \* \* "Having exposed freely the errors, as I see them, of all parties, I hardly need restate that Kansas, in spite of them all, is going ahead magnificently; and I predict that the

child is born who will see her fifth, if not fourth, in population and production among the States of our Union."

The area of Kansas is 81,318 square miles. The attractiveness of a State does not depend on its size, but it is clear that one dollar an acre on the 52,048,520 acres of land in Kansas would raise a larger revenue than one dollar an acre on the 835,840 acres in Rhode Island. There would be more money raised for schools, colleges and public institutions. An imperial revenue might be raised in a large State like Kansas by a very small assessment on the land; and an economical state government can be maintained without burdening the land owner with taxes. The homestead settler now pays no tax at all on his land. It takes five years to obtain the title from the Government, and during that time, the homestead settler is king, having his land protected by law, while it is exempt from any burden of taxation. He does not even fence his land, but ploughs and brings forth crops from it at the smallest possible expenditure of labor and capital. By the action of the herd law, cattle are kept off from his crops, and no fence is made until the hedge grows and becomes one.

Only five States have a larger area than Kansas. Kansas has more square miles than Ohio, Indiana, Delaware and Connecticut combined. England and Scotland together contain 89,600 square miles, or 8,282 more than Kansas. Kansas is an empire; a giant still in its cradle. And what kind of a State is this new and immense region, called Kansas? The *North American Review* (Vol. CIX, pp. 401, 402), contains a paper from which the following is copied:

"The most perfect display of the prairies is found in the eastern parts of Kansas and Nebraska. It is no exaggeration to pronounce this region, as left by the hand of Nature, the most beautiful country in its landscape upon the face of the earth. Here the forest is restricted to narrow fringes along the rivers and streams, the courses of which are thus defined as far as the eye can reach, whilst all between is a broad expanse of meadow lands, carpeted with the richest verdure and wearing the appearance of artistically-graded lawns. They are familiarly called the rolling prairies, because the land rises and falls in gentle swells, which attain an elevation of thirty feet, more or less, and descend again to the original level, within the distance of one or more miles. The crest-lines of these motionless waves of land intersect each other at every conceivable angle, the effect of which is to bring into view the most extended landscape, and to show the dark green foliage of the forest trees skirting the streams in pleasing contrast with the light green of the prairie grasses. In their spring covering of vegetation these prairies wear the semblance of an old and once highly cultivated country, from the soil of which every inequality of surface, every stone and every bush has been carefully removed, and the surface rolled down into absolute uniformity. The marvel is suggested how Nature could have kept these verdant fields in such luxuriance after man had apparently abandoned them to waste."

In August, 1868, Louis Agassiz, the renowned savant, visited Kansas. He said he had never before seen such good soil as he had seen in Kansas and Missouri. The peaches, apples, pears and grapes, he thought equal to any he had ever tasted. After his return, the *Springfield (Mass.) Republican*, said:

"Prof. Agassiz is fairly seething with enthusiasm over his visit to Kansas. All Brazil was nothing to what he has seen of natural beauty and scientific revelations."

A writer quoted in the book on Kansas, written by Edward Everett Hale, speaks thus of Kansas:

"It is unrivaled for the fertility of its soil, the value of its timber and forest trees, the amenity and beauty of its broad prairies, the number of its crystal streams, and the salubrity of its climate."

Mr. Hale himself says:

"For nearly two hundred miles west from Missouri, a rich, vegetable soil, sufficiently wooded, is found through the whole of this valley. It is the region of which the eastern part has been principally occupied by the Shawnees, Delawares and Pottawatomies, whose indolent farming, even, produces there the most remarkable results. The soil produces wheat, corn or hemp, in great abundance, and is, to all appearance, inexhaustible. Every variety of timber known in the Western forests is found there in sufficient quantity to answer the purposes of settlers. Ash, burr oak, black walnut, chestnut oak, black oak, long-leaved willow, sycamore, buck-eye, American elm, pig-nut hickory, hackberry, and sumach, are named by Col. Emory, whose botanical skill is well known. The general appearance of the country, he says, is that of vast rolling fields, enclosed with colossal hedges. Every letter and memoir written regarding this remarkable valley confirms the accounts of its surprising loveliness and fertility."

Mr. Hale is the well-known author of "The Man Without a Country."

In 1873, the Catholic Publication Society, New York, issued a book on "Irish Emigration to the United States: What it has been, and what it is." By the Rev. Stephen Byrne, O. S.D. The following, relating to Kansas, is copied from pages 124 to 128:

"The soil is very productive throughout, mostly presenting a rolling surface, thus affording superior drainage. Every kind of grain and fruit can be grown; it is especially adapted to the growing of the grape. The rich, black soil is generally from two to six feet and more thick.

"There are millions of acres of the best land for sale by the various railroads alone that run through Kansas. Besides these, there are the 'homestead lands.'

"The climate is very salubrious throughout; new sections of the country are visited by intermittent fever in spring and fall, which disappears with the progress of the cultivation of the soil. Vast numbers of people who have been in feeble health in the more eastern States, contend that they have been greatly benefited by the climate. The summer heat is rendered less oppressive and excessive by a continual breeze, and the nights are very refreshing. \* \* \*

"The land is of equally good quality almost everywhere. In the south and southwest, the soil is sometimes a little deeper than in the north or northwest; the north sometimes has more woodland; so that, on the whole, I find little or no difference."

It is needless to add that such a soil and climate is capable of producing grains, grasses, fruits, flocks and herds, in profusive exuberance. The wheat, corn, cattle and fruit of Kansas are already well known throughout the country. In 1869, the National Pomological Society, at Philadelphia, by a unanimous vote, awarded to Kansas its great gold medal, "for a collection of fruit unsurpassed for size, perfection and flavor."

In 1871, the American Pomological Society, at Richmond, Va., awarded Kansas "the highest premium for the largest and best display of fruit, unequalled in size, beauty and excellence, during the session of the American Pomological Society."

Medals and diplomas for Kansas fruit have also been given by the Pennsylvania Horticultural Society, the St. Louis Fair, the New York State Fair, at Albany, the New Hampshire Agricultural Society, and the New England Fair, at Lowell, Mass.

In November, 1871, the New York *Independent* said:

"Kansas is the best advertised and most favorably known of the Far-Western States. Her prestige is due to three causes: 1st. Her political troubles and warfare for freedom, which elicited universal sympathy; 2d. The fertility of her soil, the superior of which does not exist in the West; and 3d. To the activity of her citizens."

Poor's Railroad Manual for 1874 shows that only seven States have more miles each of railroad than Kansas, namely, New York, Pennsylvania, Ohio, Indiana, Illi-

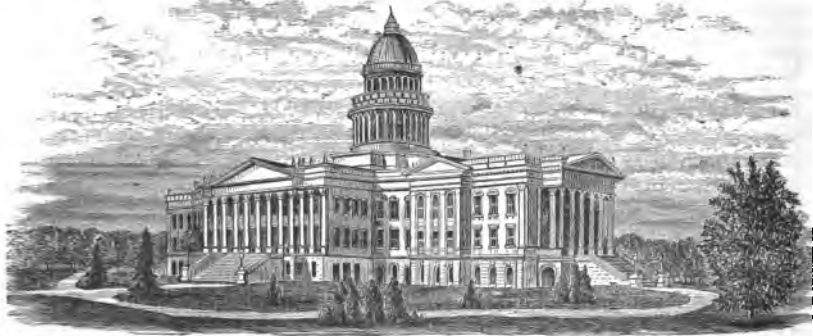
nois, Iowa and Missouri. Kansas is put down as having 2,215 miles, while the following twenty-nine States have the less number set opposite to them :

|                        | MILES. |                     | MILES. |                 | MILES. |
|------------------------|--------|---------------------|--------|-----------------|--------|
| Maine.....             | 933    | Michigan.....       | 1,904  | Louisiana.....  | 503    |
| New Hampshire.....     | 627    | Wisconsin.....      | 1,779  | Texas.....      | 607    |
| Vermont.....           | 568    | Minnesota.....      | 1,616  | Kentucky.....   | 891    |
| Massachusetts.....     | 1,458  | Nebraska.....       | 1,536  | Tennessee.....  | 1,051  |
| Rhode Island.....      | 81     | North Carolina..... | 1,077  | Arkansas.....   | 131    |
| Connecticut.....       | 912    | South Carolina..... | 948    | California..... | 1,368  |
| New Jersey.....        | 1,245  | Georgia.....        | 1,486  | Oregon.....     | 240    |
| Delaware.....          | 141    | Florida.....        | 45     | Nevada.....     | 474    |
| Maryland and D. C..... | 1,168  | Alabama.....        | 1,590  | Virginia.....   | 1,498  |
| West Virginia.....     | 572    | Mississippi.....    | 1,157  |                 |        |

All the Southern States voted to curse Kansas with slavery. Kansas has more miles of railroad now than any one of the old Slave States, except Missouri, and she leads Kansas only a trifle.

In 1857, there were twenty-eight papers published in the Territory. In 1866, there were thirty-seven newspapers in the State ; in 1870, there were sixty-seven ; in 1871, there were eighty ; in 1872, there were one hundred and twenty-one. On the first of January, 1874, there were one hundred and forty-eight newspapers published in the State, representing sixty-four counties. This number soon increased to one hundred and fifty-two. Only thirteen States published more newspapers than Kansas. The twenty-three publishing a less number are Virginia, Kentucky, West Virginia, Connecticut, Tennessee, New Hampshire, Mississippi, Vermont, Alabama, Rhode Island, Maryland, Maine, Florida, North Carolina, Delaware, Nebraska, Arkansas, Nevada, Minnesota, Oregon, Louisiana, Georgia and South Carolina.

When England acknowledged the independence of the United States, in 1783, there were only forty-three newspapers published in all the States, and not one daily. Kansas now has more than three times that number of weekly papers, and fourteen daily papers.



STATE CAPITOL, TOPEKA.

The following is copied from the speech entitled, "Kansas, the Saviour of Freedom," made at Lawrence, September 26, 1860, by William H. Seward :

"A long-cherished desire of mine is fulfilled ; at last a long-deferred duty is about to be paid—the desire of my heart to see the people of Kansas—the duty that I felt I owed to the people of Kansas, to see them in their own homes and in their own houses. I have visited your chief cities, Leavenworth and Lawrence, where the army of mercenaries sent by the Slave States battered down the hotel, under an indictment and conviction in a Court of the United States, as a nuisance, because it sheltered the freemen who had come here to see Freedom established in Kansas ; and I have looked, also, upon the Constitution Hall, in Topeka, where the army of the United States, for the first time in the history of our nation, dispersed a lawful and peaceable assembly of citizens of the United States, convened to counsel upon

the best means of protecting their lives, their property and sacred honor. You, people of Kansas, whom I have not been able to see in your homes, have come up here to greet me, from the valleys of the Kansas, the Big Blue and the Neosho, and from all your plains and valleys.

"I seem not to have journeyed hither, but to have floated across the sea—the prairie sea, under bright autumnal skies, wafted by genial breezes into the havens where I wished to be." \* \* \* "I have beheld the scenes of your former conflicts. I have also looked upon that beautiful eminence on the banks of the Kansas River, where Lecompton sits a lonely widow, desolate and mourning, her ambitious structures showing how high is the ambition of slavery, and their desolation showing how easy, after all, is her downfall." \* \* \* "When I look at field after field, and cabin after cabin, and church after church, and school-house after school-house, where but six years ago was the unbroken range of savages, I am prepared here—not expecting to escape being heard on the Pacific, as well as the Atlantic coast—I am prepared to declare, and do declare, you people of Kansas the most intelligent, and the bravest, and most virtuous people of the United States. That is the most intelligent and bravest and most virtuous people, which can take the banner of Human Freedom when it is trailed in the dust by the government of its choice, and can raise, and does raise, it aloft, and protect it, and bear it to success and honor, and that without bloodshed and violence." \* \* \*

"Henceforth, if my confidence in the stability of the American Union wavers, I shall come here to learn that the Union is stronger than human ambition, because it is founded in the affection of the American people. If ever I shall waver in my affection for Freedom, I shall come up here and renew it; here, under the inspiration of one hundred thousand freemen saved from slavery. Henceforth these shall not be my sentiments alone, but the sentiments of ALL. Men will come up to Kansas as they go up to Jerusalem. This shall be a sacred city.

"For my brethren and companions' sake, then, I say, Peace be within your walls, and plenteousness in all your cabins, soon to become palaces. And now, people of Kansas, once more, HAIL! and, at the same time, Farewell."

## SKETCH OF KANSAS AGRICULTURE.

By J. A. ANDERSON,

President Kansas State Agricultural College.

To those who are so unfortunate as to reside in other States, Kansas is an agricultural puzzle. It entered the Union in 1861, not only with the title of "bleeding," but also with that of "starving" Kansas; and on more than one occasion since, has it been blazoned over the Continent as powdered by drouth, or eaten down to the very limestone by grasshoppers. Yet, before the nation had time to settle comfortably into the belief thus created, it has been rudely jostled by the same Kansas exultingly marching away with the first national prizes for the best display of fruit, won at Richmond, Philadelphia, Newark, and New York, against the competing States of the Union; or by the official award, so frequently made in governmental reports, "Kansas again leads in the average yield per acre;" or, by the vast army of clear-headed immigrants annually settling in its broad valleys. Among the multitudes assembled at Philadelphia in 1876, there will be thousands of sturdy men and great-souled women who, with minds still quickened by the agonizing recitals of self-constituted "agents" from the grasshoppered Kansas of 1874, will be more than startled by the actual products of Kansas in 1875. In fact, the Centennial display will be a very queer commentary upon the "relief" wail; and, should it do nothing more, will at least give good ground for the assertion, that a State, which not only can afford a year's princely entertainment to myriads of famished locusts, but also can take a front seat in the National synagogue, must have rich lands as well as energetic citizens.

The principal trouble in this agricultural puzzle, is the fact that, as in all new States, the misfortunes of Kansas have been greatly exaggerated. The causes of this exaggeration are easily found. A drouth in Ohio or New York occasions no apprehensions that those States are unsuited to successful farming; because the experience of generations has shown that dry seasons are the exception, and, in spite of them, no business has there paid so well as that of the farmer. But the same drouth occurring in Kansas startles the new-comer by the fear that rain may here be the exception and dry seasons the rule. From the nature of the case he cannot turn to a long record of ancestral experience; there is none. And that convenient gentleman in such emergencies, the "oldest inhabitant," is apt in a State fourteen years of age to be an Indian; and, without questioning the moral character of this estimable personage, Mr. Lo's opinion on agricultural topics is not usually accepted as satisfactory authority.

Again, in the Eastern States, a man without provisions for at least twelve months, without land, horses or plows, would not attempt to settle on a piece of wild soil, with the expectation of winning from it a support in the first, or even in the second year. Both he and his neighbors would realize that his capital could not, in the nature of things, yield so great an interest; yet it is by no means rare for hundreds of toiling men, with just enough money to break a few acres, in Kansas, to expect that the "sod crop" therefrom will not only furnish a year's provisions, but also build houses and buy cattle. When this crop fails, as it sometimes does, these men

must suffer ; and they are prone to hold Kansas responsible for consequences which evidently were the logical results of their lack of sufficient capital.

Furthermore, in every new country will be found a sprinkling of loud-voiced individuals who never succeeded anywhere, or at anything, and who, through ignorance of practical farming, or organic weariness, would inevitably starve on the best farm in America. To this class, seeking a pretext for returning to their wife's relations, a partial drouth is a boon, and grasshoppers a munificent god-send. They start, and "back home" is speedily supplied with yarns thick as hawsers about "the State what won't grow nuthin'."

Every State has agricultural drawbacks, every business its peculiar risks, and even petit juries are uncertain. There is no dead-head train, in any vocation, which of itself carries the snoozing passenger to prosperity. Kansas, at least, is not a balmy paradise for dreamy loafers. The soil won't "break" itself, though it will break the farmer who doesn't work it. Corn won't grow where it was not planted, in paying quantities. The cottonwood does not usually bear a large crop of apples. It is the exception when valuable herds of shorthorns accidentally wander into Kansas corrals, to suddenly enrich the proprietors with \$40,000 cows. Even Berkshires do not multitudinously swim the Missouri, just to furnish the new settler with winter's meat. These confessions are sad, but true !

Railroads are in the habit of charging for transportation in Kansas. Merchants in Kansas rarely "give away" goods, outside of advertising columns ; and, as a general rule, never sell anything that anybody wants more than ten feet "below cost." Mechanics demand and receive good wages for their work in Kansas. If they know themselves intimately, Kansas farmers expect the highest market price for crops. And even editors enforce the cruel rule that subscribers must pay at least two dollars a year for a paper worth five. Twenty-dollar gold pieces are less numerous in Kansas than flies ; and it is easier to get a hat full of "promissory notes," artistically executed by a highly assorted lot of individuals, than even a fob full of greenbacks. Those gentlemen who, unconsciously, and yet really, expect to farm without labor ; to raise herds without vigilant care ; to pluck peaches from wild plum trees ; to live luxuriously on the interest of what they owe ; and to be elected to the United States Senate because of the universal scarcity of brains in Kansas, previous to their advent, will learn something greatly to their advantage by going several millions of miles in any other direction. This State won't suit them. But to those who realize that skill, labor and capital are essential to success in farming, as in every other business, the agricultural statistics of Kansas may be worth examining.

Whatever may be alleged respecting the fertility or poverty of Kansas soil, the abundance or lack of seasonable rains, the heat or cold of the climate, the gentleness or fierceness of the winds, it is certain that the best evidence on these and all other points of practical interest to the farmer, is that furnished by the crops actually raised or failed to be raised. Corn requires a strong soil, moisture and heat ; if either of these essentials be lacking, the crop will show it. When a man harvests twenty bushels of wheat to the acre, that fact is quite as satisfactory to him as any analysis of the soil or any record of the rain gauge. And if, through a period of years, this fact repeats itself as often as in those States where an experience of generations has demonstrated their adaptation to wheat raising, he would disbelieve any assertions not in unison with the fact. On the one hand, he would be slow to expect that his field could average seventy bushels to the acre ; on the other hand, he would laugh at the statement that the soil was too poor or the supply of rain was too small for profitable wheat growing. However valuable the theories and facts of the general sciences relating to agriculture may be, and many of them are valuable,

still the best of all possible evidence to any practical man is that of the bins and ledger. In this paper we shall only attempt to present a few sample facts, and leave them to sketch the agricultural capacity, development and condition of the State.

#### AREA.

Kansas is larger than New York and Indiana put together, or than Maine and Ohio, or than the whole of New England, with Delaware and Maryland thrown in. Pennsylvania and Ohio, or New York and Ohio, would have but little more territory. Of the United States, only Texas, California, Oregon, Nevada and Minnesota have a greater area. The State is about two hundred miles wide, and four hundred miles long. Of the 52,043,520 acres comprising its area, but two-thirds, 35,750,600 acres, or sixty-eight per cent., are at present in the organized counties. While of the latter amount, only 4,748,901 acres are improved land, the rest being wild prairie.

It is difficult to realize the exact meaning of these figures. Men are not as familiar with millions as with fives. On the supposition that Pennsylvania and Ohio were thrown together, a similar statement would be that Pennsylvania was organized in counties; while Ohio was yet unsettled, and that only one-eighth, thirteen per cent., of Pennsylvania was under fence, or less than one-tenth, nine per cent., of both States. It is easier to distinguish the difference between the length of lines than between vast amounts expressed in figures. Let us assume that a line one inch long represents 2,400,000 acres. The whole area of Kansas would be shown by a line twenty-two inches in length; the area of the organized counties by one of fifteen inches, and the improved land by one a fraction less than two inches long. Like the gentleman who did not leave Ireland because of "want," as he had plenty of it there, whatever this State may lack, it has a superabundance of unimproved territory. Ohio and Pennsylvania are not overcrowded with population. Their inhabitants apprehend no danger from starvation, because of the inability of the soil to supply food. Kansas soil is as fertile as that of the best valleys in either, and its average acre is richer than their average acre; so that it can certainly support as dense a population as they. Were its density equal to theirs, it would now have 6,000,000 inhabitants, and still possess the same room for in-comers enjoyed by the States named.

#### UNORGANIZED COUNTIES.

What proportion of the territory outside of the organized counties will ultimately be made productive, is, as yet, an unsolved problem. It chiefly lies in what is shown on the rain map as the third or western rainfall belt, the organized counties mainly coming within the eastern and middle belts. The Report of this Board for 1874 states that, during the years in which observations have been made in the States, the rainfall of the eastern belt has averaged thirty-seven inches per annum; the middle belt, twenty-four inches, and the western belt, nineteen inches. It says:

"The mean by seasons for the whole State, compared with the mean of each belt, discloses the fact that the rainfall in the middle and western belts is about one-third less than in the eastern, but the western has thirty-five hundredths of an inch more than the middle."

During the winter, the eastern has five inches; the middle, four, and the western less than one and a half inches. The writer has not seen the data or conclusions presented in this volume. One thing, however, is certain: that the dry winters of the western belt give it a great advantage over either of the others for stock raising, and that its vast ranges of nutritious grass admirably adapt it to this industry. Where myriads of buffalo have lived and fattened through centuries, there must be



sufficient food and water for cattle, guided by competent herders. The only authoritative decision of the question will be that of actual experience; and that the experiments thus far made have been promising, is shown by the indisposition of those who have most largely invested in these lands to sell out; on the other hand, they are putting more capital in. This action upon their part, together with the fact that each year finds a greater number of herds in that belt, is a safer guide than even the rain gauge.

Furthermore, there is a good deal of human nature to the square mile in Kansas. The present population of the State is within the eastern and middle belts. It is only natural that every man should fancy his own county to be just a little better than all the rest of creation, on the same principle that the inhabitants of the older States are positive that their's is pre-eminently the bright particular star. Hence, it is not remarkable that the existing population of Kansas should entertain grave doubts respecting the agricultural capacities of the western belt; and the further east they live, the greater is apt to be the gravity of their doubts. In Territorial days, Leavenworth was not at all certain that Lawrence had enough rain to ensure good crops. Lawrence scouted the idea, but had misgivings about Topeka. Topeka regarded both parties as correct with respect to the general principle; they were only mistaken in regard to the precise location of the limit of the rainfall necessary for crops; this limit was west of Topeka, but east of Manhattan. Within six years, the writer has heard Manhattan and Junction City gentlemen wrangle over the same point respecting these towns, which are but twenty miles apart; they were agreed, however, that Salina lacked rain. The latter scorns the imputation, but confidentially suggests to the immigrant that it is too dry out in Ellsworth or Russell counties to raise anything! Now, if any counties in the State have had better crops this year than Dickinson and Saline, they have done most remarkably well. The same may be said of the western counties in the Solomon, and, especially, in the Arkansas valleys. The fact is, that precisely those regions which, less than ten years ago, were generally believed to lack sufficient rain for profitable agriculture, are exactly the ones that are now yielding the most remunerative crops. The "Great American Desert" theory is getting very thin. The boundaries of this geographical bugaboo have so rapidly receded before the plow, that, especially with the absolutely dry season of California in view, we are not prepared to deny that the western belt, in addition to its superior stock advantages, may yet be found possessed of better grain and fruit qualities than are now conceded. On the present insufficient data, no one is justified in dogmatically deciding either way. For no sensible man would base a meteorological opinion respecting the whole State of Ohio upon the observations at Cincinnati for a few seasons, nor would he accept the guesses of Pennsylvanians there anent as decisive authority.

So far as observations have been made, they show that the western belt has more rain during the growing months than the middle belt. Its soil is as rich as that of either of the other belts; and if the doubts concerning its grain capabilities are occasioned by its lack of rain, then certainly it ought to raise as good crops as those of the middle belt; and that these crops are profitable, the statistics given elsewhere, by counties, establish beyond a question. Still, the fact that the population has preferred the other belts is significant and weighty. We have no desire to mislead immigrants. Our only point is, that the western belt may turn out better than Kansans are now disposed to think. So much for the 16,293,920 acres of Kansas lying outside of the organized counties, and of which no further notice will be made in this paper.

In considering the remaining fifteen inches of the whole line, let us begin with

the growth of the two inches which represent the improved land in the organized counties.

#### IMPROVED LANDS.

A reference to the history of the State, given in this volume, will furnish such details as the reader may need for a close examination of its agricultural development. The following general statement, however, may not be amiss:

The Territory of Kansas was opened for settlement in May, 1854. Secretary Gray, in last year's Report of this Board, says:

"At that time its choicest lands were occupied as reservations by the New York Indians, Pottawatomies, Kaws, Delawares, Ottoes and Missouris, Kickapoos, Sacs and Foxes, Weas, Shawnees, Wyandottes, and other Indian tribes, in the eastern portion of the Territory; while the Comanches, Kiowas, Cheyennes, Arapahoes, and other wild tribes, wandered over the western portion."

The Territorial Government was organized in 1854, and the State admitted to the Union in 1861. From the very outset Kansas was the battle-ground between the North and South, and the events of its early history are inseparable parts of the Nation's history. In fact, unlike every other Territory, it was settled, not so much by men who wanted to farm, as by men who wanted to fight for or against the extension of slavery; and herein lies the main-spring of the otherwise improbable fact, that Kansas furnished more soldiers than it had voters. It supplied 20,097 men, or 3,433 more than its quota. In every one hundred families, not less than seventy-five had a representative in the army; and, as a rule, only the wife and little ones were found on the farm. It is evident, that of the population gathered by the inspiration which drew men hither, the great mass would neglect the plow for the musket; and that during the war the agricultural industry of the State would shrink, rather than increase.

So that the history of agriculture, and in fact of every other Kansas industry, virtually begins at the close of the war, in the summer of 1865. We greatly regret that at this writing, the data cannot be obtained for presenting the agricultural statistics of the earlier years. The increase and decrease of crops, had the reports been kept, would of themselves constitute a curious record of the bloody days of Kansas, one both significant and enduring. The facts to be presented in this paper have been kindly collated by Mr. Alfred Gray, the careful statistician and indefatigable Secretary of this Board. They are derived from the United States Census, from the reports of the department of Agriculture, and from the official returns made to the Kansas State Board of Agriculture. The department of Agriculture did not give, in its earlier reports, several of the statistical groupings which now render them valuable; and, as a result, we are unable to present facts which would otherwise be exhibited. In the several diagrams which follow, where omissions occur, they are because of this reason. It was only in 1862 that the department began the publication of full statistics.

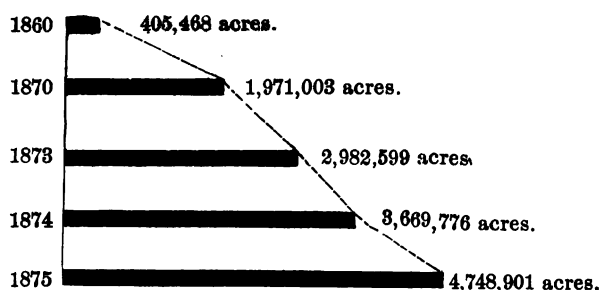
A word respecting the manner in which the statistics will be presented in this paper. As the difference between the lengths of lines at once strikes the eye, and gives a clearer idea of the relative magnitude of quantities, this mode of exhibition will be employed; and while a different scale will be adopted in different exhibits, the lines in a particular diagram will, of course, be on the same scale. The "em," or unit, of a nonpareil fount, is one-twelfth of an inch; and the size of the page determines the scale adopted. Relying upon the exhibits to tell their own story, we shall have but little to say, except in calling attention to points, or in explanation of the causes which have created their facts.

The following exhibit of the acres of improved lands, in the years for which the data has been obtained, shows, in the briefest manner, the growth of the State in this particular. (See Table I.):

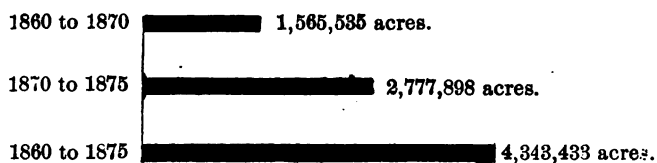
TABLE I.

## LINE-EXHIBIT OF ACRES OF IMPROVED LAND, BY YEARS.

SCALE: 2,400,000 acres to the inch.



## INCREASE.



## POPULATION.

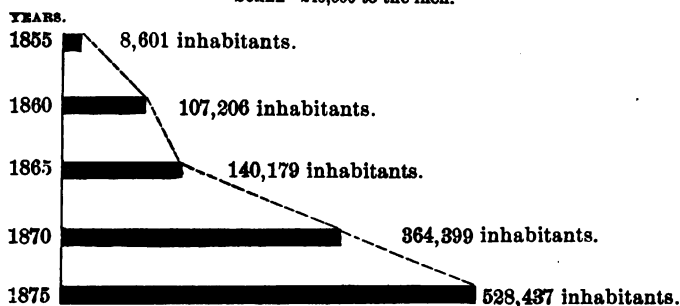
In connection with the above diagram, a similar exhibit of the population of the State will be of value. The figures for 1860 and 1870 are taken from the U. S. Census; those for 1855 from the "Annals of Kansas;"\* the others from the official returns to the Board. (See Table II):

\* By Daniel W. Wilder, 1875; George W. Martin, publisher, Topeka, Kansas.

TABLE II.

LINE-EXHIBIT OF POPULATION, BY YEARS.

SCALE—240,000 to the inch.



It will be seen that from 1865, the close of the war, to 1870, the population had almost trebled; and that in the next five years, it had increased more than the total number of its inhabitants at the beginning of the decade. Immigration chiefly depends on the ability of people to emigrate from the older and more crowded communities.

From the close of the war to 1872, the general financial condition of the nation enabled those, who so desired, to sell their farms in the older States, and to obtain homes in the new.

The monetary stringency which began to tighten its grip over the whole country in 1873, has since prevented many thousands, who would otherwise be in Kansas to-day, from disposing of their property except at ruinous prices. They have the willingness, but lack the ability; and every land agent in the State could report such cases by the folio.

This fact, without doubt, accounts for much of the relatively small increase of population during the last five years, when compared with that of the former five. At the same time, and working in conjunction with it, the fluctuation of the corn crop, beginning with 1872, and the visitation of locusts in 1874, had a temporary influence on the tide.

Many of the new-comers are wholly dependent on the "sod" crop, usually corn. The aggregate corn crop in 1872, amounted to forty-six millions of bushels, while in 1873 it tumbled down to twenty-nine millions of bushels, a decrease of thirty-seven per cent. The causes of this diminution would, of course, affect other staple yields; and the resulting depression of local business, together with the constantly increasing stringency of the whole country, could not fail to work its logical effects in the minds of new-comers.

In the summer of the following year, 1874, the delightful grasshopper made its appearance, and the aggregate corn crop pitched away down to fifteen millions of bushels. Most of it went into the "hopper" literally; as did about every other green thing to which that genial but rapacious idiot took a fancy.

He is not an amusing animal. The monkey is a bonanza, in comparison. After the first few minutes, he displays a capacity for boring beyond computation; and scary people suddenly remember that they have an appointment to meet a man at "somewheres" which cannot possibly be neglected.

They start, usually after a good deal of unnecessary whining. Many, however, of precisely the same persons, like Californians after the earthquake is over, speedily

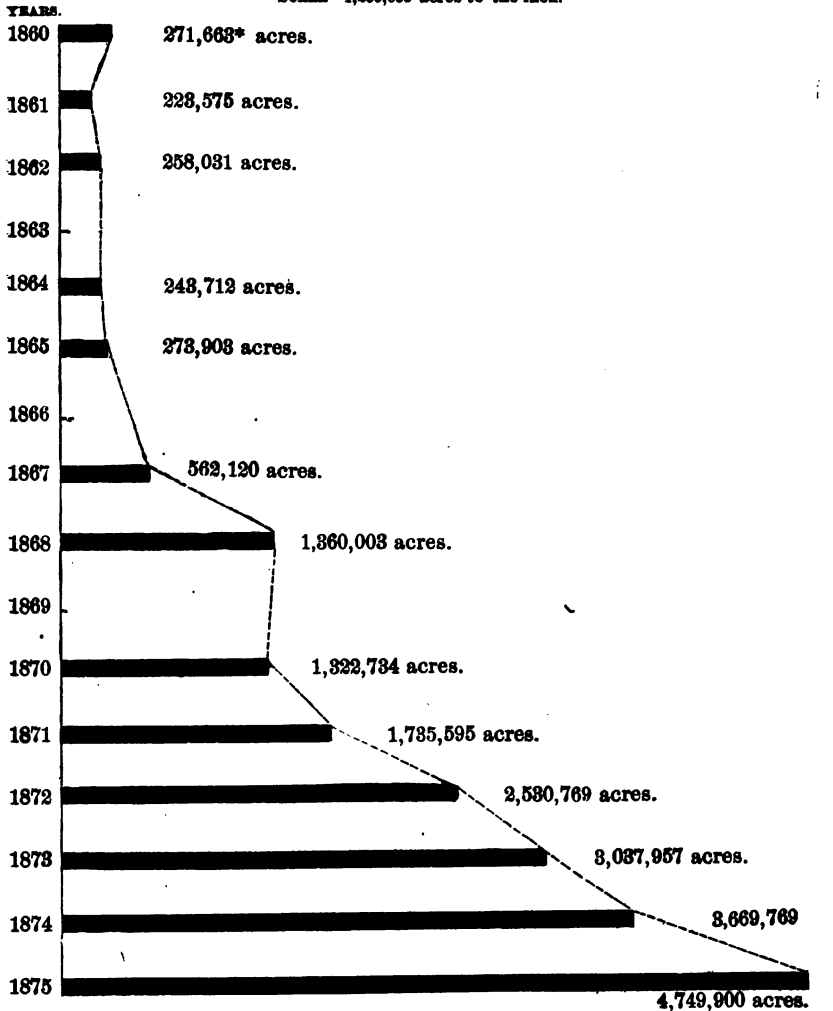
return to their claims. While the State may, for a few months, have lost in population, yet the vote cast at the last election shows that it has already far more than regained any losses.

To show how little the agriculture of Kansas was affected, even during the years 1873 and 1874, by those causes which were generally esteemed so adverse, and as an evidence of the faith which Kansas farmers have in this rich State, we present the following exhibit of the number of acres in all crops, so far as the data have been obtained. In addition, the diagram forms an important link in the historical chain. (See Table III.)

TABLE III.

LINE-EXHIBIT OF NUMBER OF ACRES IN ALL CROPS, BY YEARS.

SCALE—1,200,000 acres to the inch.



\* Estimated.

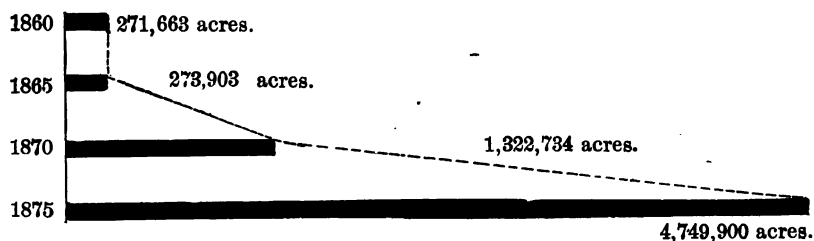
The short lines during the war years are significant. Had the statistics from 1857 to 1861 been collected, it is probable that these lines would appear even shorter than they now do, because of the greater length of those of the Territorial years. We have estimated the acreage of 1860 on the ratio of the acreage of 1870 to the improved lands of 1870; and it confirms the above supposition of decrease of crops during the war, about which there can be no doubt. There is a slight falling off in 1870, but ever since there has been a steady and magnificent advance.

For the purpose of enabling the reader to compare, at a glance, the increase of the crop acreage with that of population, as exhibited on page 78, we present a diagram of the former at the same periods. (See Table IV.)

TABLE IV.

LINE-EXHIBIT OF ACRES IN ALL CROPS, BY YEARS.

SCALE—1,200,000 acres to an inch.



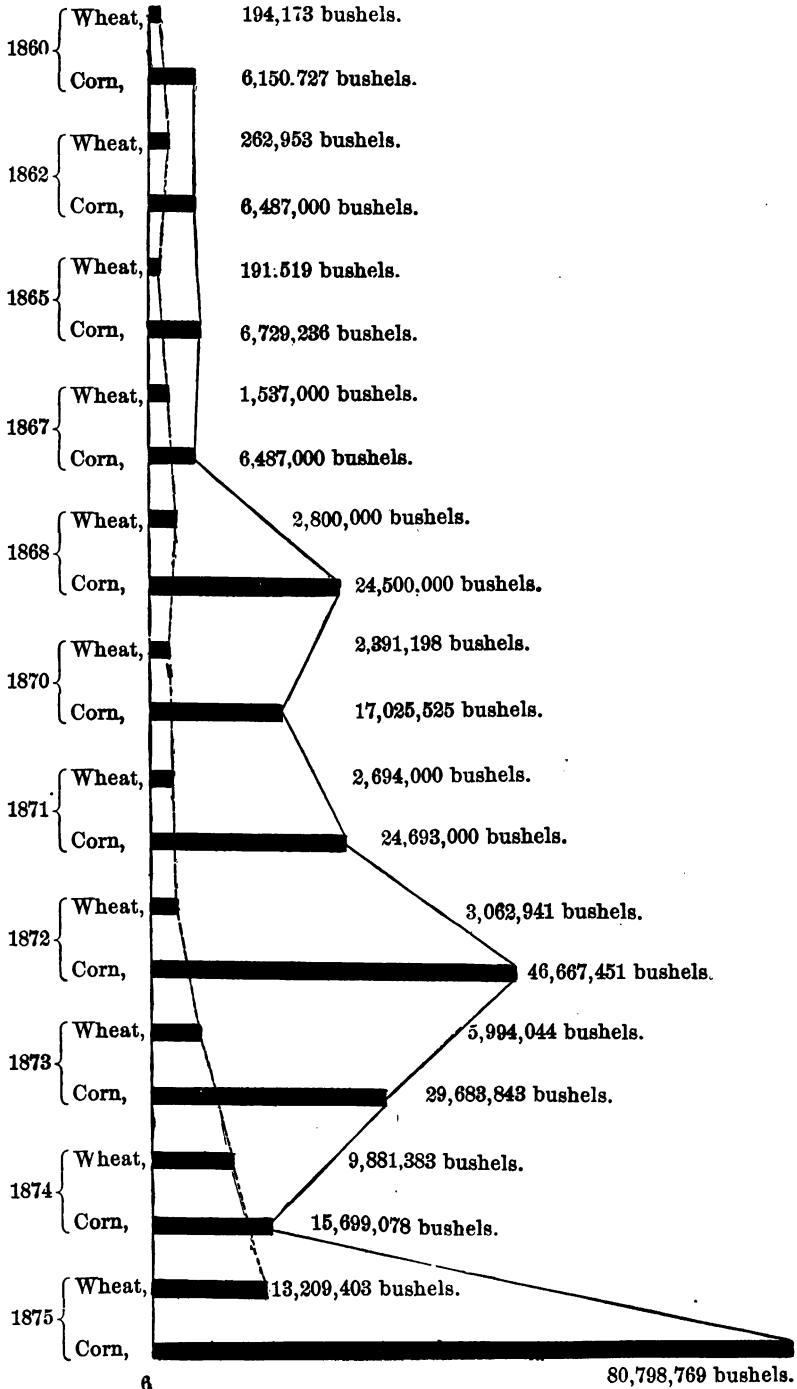
## PRODUCTS.

As in most Western States, corn has been the leading crop; the statistics show that it is far from being either the most certain or the most profitable. For information respecting the relative value of the several products, the reader is again referred to Secretary Gray's most admirable diagrams in colors.

In the following exhibit the aggregate wheat and corn crops are presented for comparison. (See Table V.)

TABLE V.  
LINE-EXHIBIT OF WHEAT AND CORN CROPS, BY YEARS.

SCALE—24,000,000 bushels to an inch.



The fluctuations of the corn crop are very suggestive. During the earlier years the statistics were not as carefully collected as they have been since 1870; and were those of former years attainable, it is more than probable that they would indicate still greater variations than are here exhibited. Be that as it may, the zig-zaging of the corn line during the past five years, certainly has a meaning for Kansas farmers. It says, with the utmost emphasis, that in the measure that other crops are planted, precisely in that measure are the chances for profit increased. Look at the swing from 1870 to 1872; the pendulum started from 17,000,000 and reached 46,000,000; but then, look at the return lunge, where, in the next two years, it comes in to 15,000,000. On the other hand, and especially since the facts have been collected, notice how surely and splendidly the wheat line comes out; two, two and a half, three, six, ten, thirteen; and it does this wholly irrespective of the motion of the corn crops. The one is like the permanent outgrowing of the tree, each year pushing its bark further from the core; the other is like the yielding branches—reaching out in the calm, it is true, but bent, swayed and beaten back before the tempest.

If any lines ever said anything in the world, these shout to the farmer, "Don't put all your eggs in the corn basket; put most in the wheat basket, it is safer;" and the exhibit shows another thing, one which the historian would regard as both curious and instructive, that Kansas farmers, each for himself studying his own business and own prospects, are rapidly changing from the old theory that corn was *the* crop to the one already indicated.

Every State has its peculiar conditions of climate, soil and market; and no man in the world is surer to discover them, to adapt his work to them, than the practical American farmer. The wheat line shows still another thing—that the variations in the fall of rain are apt to occur in those months when the wheat is out of danger, and when the corn is in danger. The years 1872 and 1873 certainly indicate the probability of this statement, if they do nothing more.

### WINTER AND SPRING WHEAT.

Another illustration of the change which is rapidly being made in the practice of farmers, as they have obtained a larger breadth of facts upon which to decide the special conditions of Kansas, is presented in an exhibit of the relative crop of winter and spring wheat, so far as the date permits. (See Table VI.)

It will be observed that in 1870, when the statistics of the winter wheat were first separated from those of the spring, that the latter was decidedly the greater. Ever since, the elder brother has taken the lead. It is a little curious, also, that while the spring line recedes, that of the winter wheat pushes vigorously forward, despite all the elements which, during the same period, have so signally affected corn. It may be said, that the real cause lies in the fact that the farmers sowed a greater breadth of the latter than of the former. That is undoubtedly true; but the question still remains, *Why* did they do so? And certainly the reply must be, simply and solely because they found by experience that it paid better. And this experience constitutes one of the important facts in a sketch of Kansas agriculture.

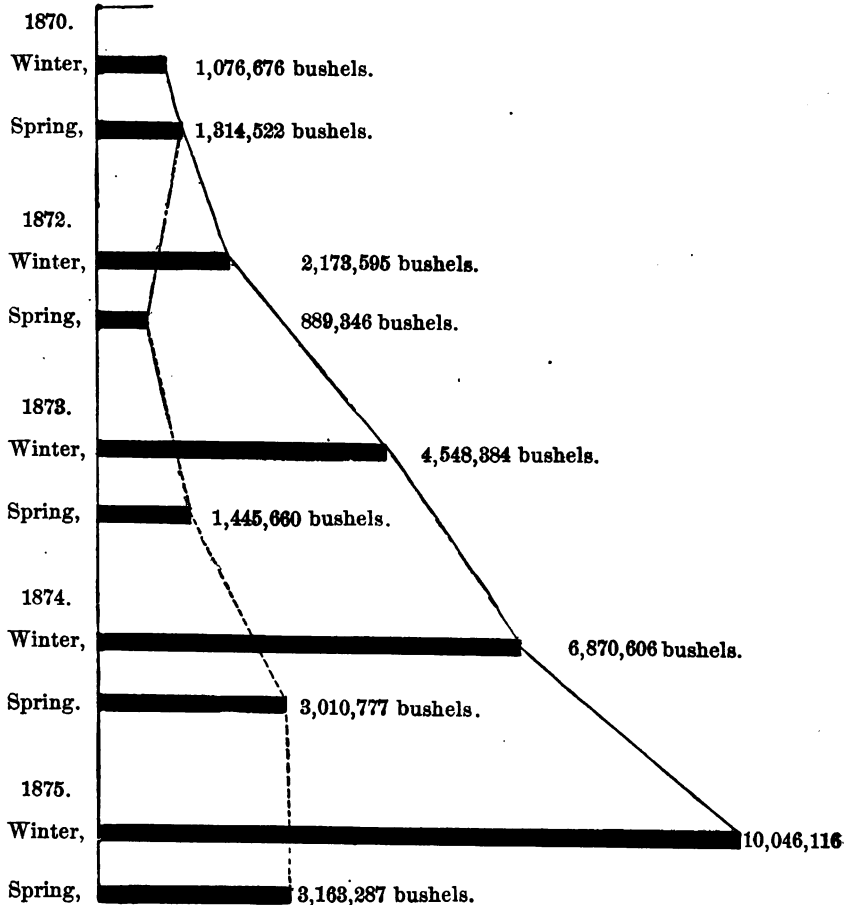
It shows two things: First, that the test which the practical farmer makes of those conditions of soil and climate which are peculiar to Kansas, is a safer guide than the suggestions of science respecting some single one of the forces which together produce the crops; and, second, that the agricultural reputation, sometimes good and sometimes bad, which has been given to the State, during the years



TABLE VI.

LINE-EXHIBIT OF RELATIVE INCREASE OF WINTER AND SPRING WHEAT FROM  
1870 TO 1875.

SCALE—3,000,000 bushels to an inch.



when men were studying its specific agricultural requirements, and by the experiments which they were making during this process of investigation, is not necessarily the reputation which justly belongs to the State itself, or the one which it will ultimately have when men better understand its conditions, and more wisely adapt themselves thereto. In every instance, we believe, where Kansas has been heralded throughout the land as, to say the least, agriculturally uncertain, this cry has arisen from the comparative failure of the corn crop; when, as this exhibit shows, if a fair proportion of the acreage had been in wheat, no such cry would have been justified or made. To compare agriculture with mining—the final reputation of the “Comstock” is not that which it had during the years of its development, when, as the work advanced, its name ran up and down like a mouse in a wall; but its character to-day rests upon the actual yield of ore. So it is with the agricultural “prospect-

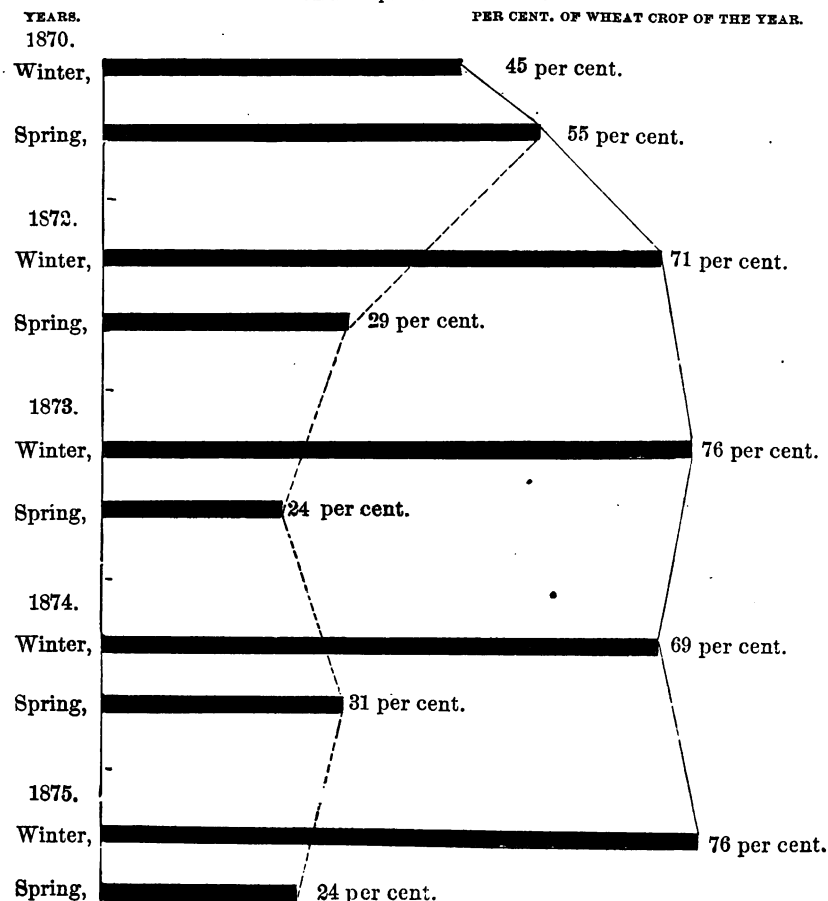
ing" and development of Kansas. It has had its good seasons and bad, during which thousands of men have toilfully and pluckily driven their experiments along different lines. Some have succeeded, and some have failed; but in the sense that a failure is a success, if it shows men what to do by teaching them what *not* to do, much of this experience is both valuable and profitable. It is likely that profitless experiments will yet be tried, before all the agricultural requirements of the State shall be met. But certainly this exhibit shows that much has already been learned and utilized in the matter of corn and wheat. And just as certainly, if the voice of the past be a safe guide for the future, will Kansas, in the practice of diversified agriculture, establish a very different reputation in the next ten years, from that which it has obtained when looking with a single eye to an exclusive corn crop. Two eyes are better than one, anyhow.

A glance at the following exhibit will show that the change from spring to winter

TABLE VII.

LINE-EXHIBIT OF PER CENTAGE OF RELATIVE INCREASE OF WINTER AND SPRING WHEAT FROM 1870 TO 1875.

SCALE—24 per cent to the inch.



wheat has been greater and more permanent than many may suppose. The lines indicate the percentage of the wheat product for the given year. In 1870, the harvest of spring wheat was fifty-five per cent., or ten greater than that of winter; but it will be noticed that since 1873 it has constituted less than a fourth of the whole crop. (See Table VII.)

In connection with this subject, and as confirming what has been said, we give a similar exhibit of the fall of rain in the months of April, May, June and July, during the same years; and regret the lack of data for showing the relative yield per acre of corn, winter and spring wheat, in comparison with the actual average of each.

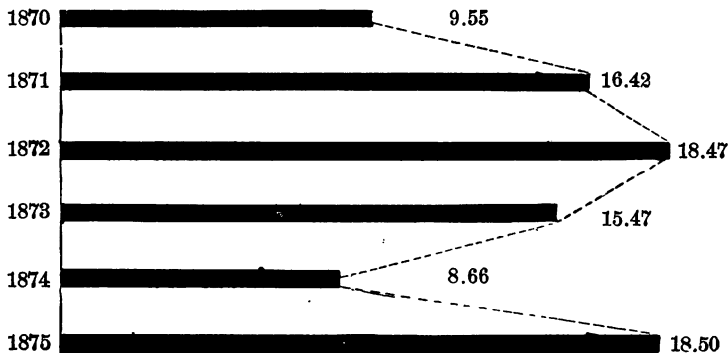
A reference to the exhibit of the corn crop on page 81, and to that of winter and spring wheat, on page 83, will enable the reader to observe how exactly the zigzag of the corn line, from 1870 to 1875 corresponds with that of the rain line; and, also, how gloriously the wheat line *doesn't* pay any possible attention to it.

The table shows the fall of rain at Leavenworth, Lawrence, Manhattan, and Baxter Springs. (See Table VIII.)

TABLE VIII.

LINE-EXHIBIT, BY YEARS, OF THE TOTAL RAINFALL DURING THE MONTHS OF APRIL, MAY, JUNE AND JULY.

SCALE—Six inches of rain to the lineal inch.



### STOCK.

We have already spoken of the superior advantages which Kansas possesses for this indispensable branch of agriculture. The dry winters, splendid ranges, and low price of lands have induced the profitable investment of a large aggregate capital, which is being augmented every year. And, except to say that the average grade of cattle is far better than is usual, probably higher than in any other State, we shall let the following exhibits tell their own story. (See Tables IX., X., XI., XII. and XIII.):

TABLE IX.

LINE-EXHIBIT OF INCREASE OF CATTLE FROM 1860 TO 1875.

SCALE.—200,000 head to an inch.

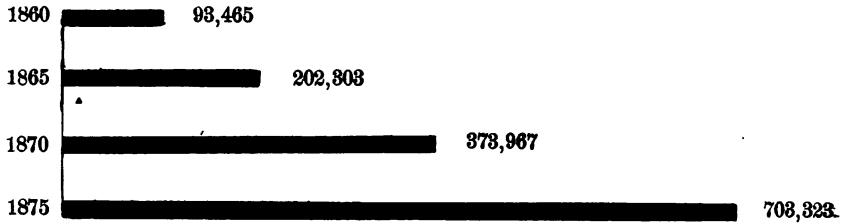


TABLE X.

LINE-EXHIBIT OF INCREASE OF SWINE FROM 1860 TO 1875.

SCALE.—120,000 head to an inch.

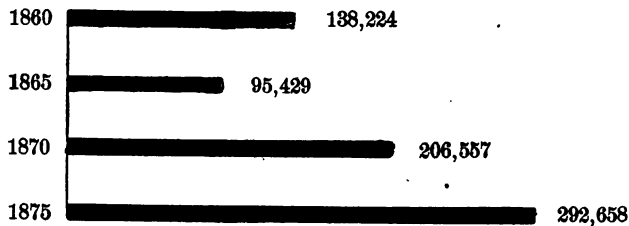
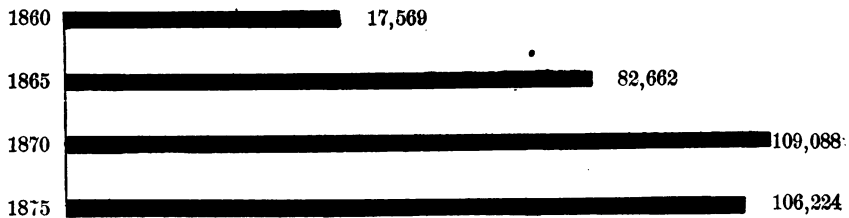


TABLE XI.

LINE-EXHIBIT OF INCREASE OF NUMBER OF SHEEP FROM 1860 TO 1875.

SCALE.—30,000 head to an inch.



It is probable that the census of 1870 showed a larger number of sheep than would have been the case had the facts been collected as carefully as in 1875. In other words, we doubt whether there are now fewer sheep in the State than there were then.

During the present season large investments have been made in this husbandry, and those interested in the subject are referred to Secretary Gray's Report. As there are now 74,905 dogs in the State, it is eminently proper that the number of sheep should be speedily increased. Less than a mutton-and-a-half to the dog is a wholly inadequate twelve-month's supply for any healthy canine.

TABLE XII.

LINE-EXHIBIT OF INCREASE OF HORSES FROM 1860 TO 1875.

SCALE.—60,000 head to an inch.

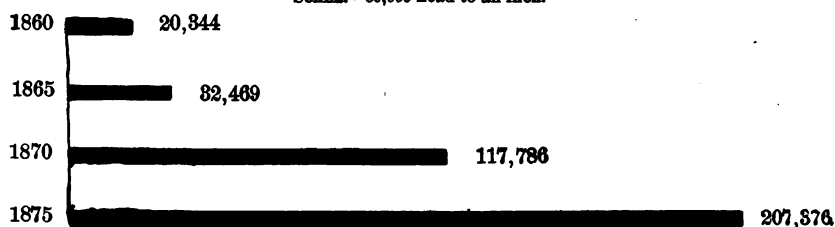
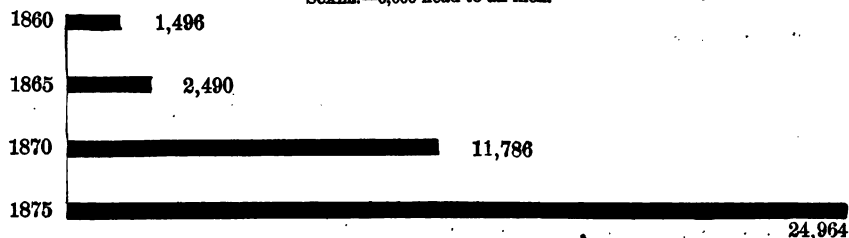


TABLE XIII.

LINE-EXHIBIT OF INCREASE OF MULES AND ASSES FROM 1860 TO 1875.

SCALE.—6,000 head to an inch.



We close the presentation of sample facts illustrating the capabilities of Kansas with the following tables of the aggregate products of 1875. A State that is barely ten years old, agriculturally, can have no better crown, and needs no brighter glory, than the skill, industry and prosperity revealed by these totals, to those who realize their meaning:

| CROPS.                                  | PRODUCT    | ACRES.       | VALUE OF PRODUCT. |
|-----------------------------------------|------------|--------------|-------------------|
| Winter Wheat.....bu.                    | 10,046,116 | 505,681 74   | \$9,457,559.17    |
| Rye.....bu.                             | 1,645,497  | 84,883.92    | 862,953.54        |
| Spring Wheat.....bu.                    | 3,163,287  | 237,523.57   | 1,892,816.31      |
| Corn.....bu.                            | 80,798,769 | 1,382,860.66 | 19,071,696.15     |
| Barley.....bu.                          | 900,550    | 37,753.56    | 1,004,295.97      |
| Oats.....bu.                            | 9,794,051  | 289,437.40   | 2,396,257.78      |
| Buckwheat.....bu.                       | 262,661    | 13,835.71    | 236,201.86        |
| Irish Potatoes.....bu.                  | 4,348,545  | 40,577.17    | 1,415,763.06      |
| Sweet Potatoes.....bu.                  | 320,394    | 2,061.94     | 300,884.93        |
| Sorghum.....gall.                       | 2,542,512  | 23,026.83    | 1,149,030.16      |
| Castor Beans.....bu.                    | 861,386    | 24,145.42    | 389,813.21        |
| Cotton.....lbs.                         | 325,825    | 1,898.75     | 29,780.88         |
| Flax.....bu.                            | 447,864    | 49,358.68    | 475,455.58        |
| Hemp.....lbs.                           | 472,227    | 659.65       | 315,906.55        |
| Tobacco.....lbs.                        | 280,662    | 430.78       | 21,601.98         |
| Broom Corn.....lbs.                     | 9,844,869  | 12,742.16    | 579,655.51        |
| Millet and Hungarian.....tons           | 218,252    | 82,552.35    | 1,113,326.59      |
| Timothy, meadow.....tons                | 24,003     | 21,218.38    | 170,662.25        |
| Clover, meadow.....tons                 | 16,714     | 6,303.14     | 107,621.55        |
| Prairie, meadow.....tons                | 897,444    | 599,481.25   | 2,980,405.40      |
| Timothy, pasture.....acres              | .....      | 5,084.37     | .....             |
| Clover, pasture.....acres               | .....      | 1,548.75     | .....             |
| Blue Grass, pasture.....acres           | .....      | 31,626.80    | .....             |
| Prairie, pasture, under fence.....acres | .....      | 745,213.82   | .....             |
| Total.....                              | .....      | 4,749,900.89 | \$43,970,494.28   |

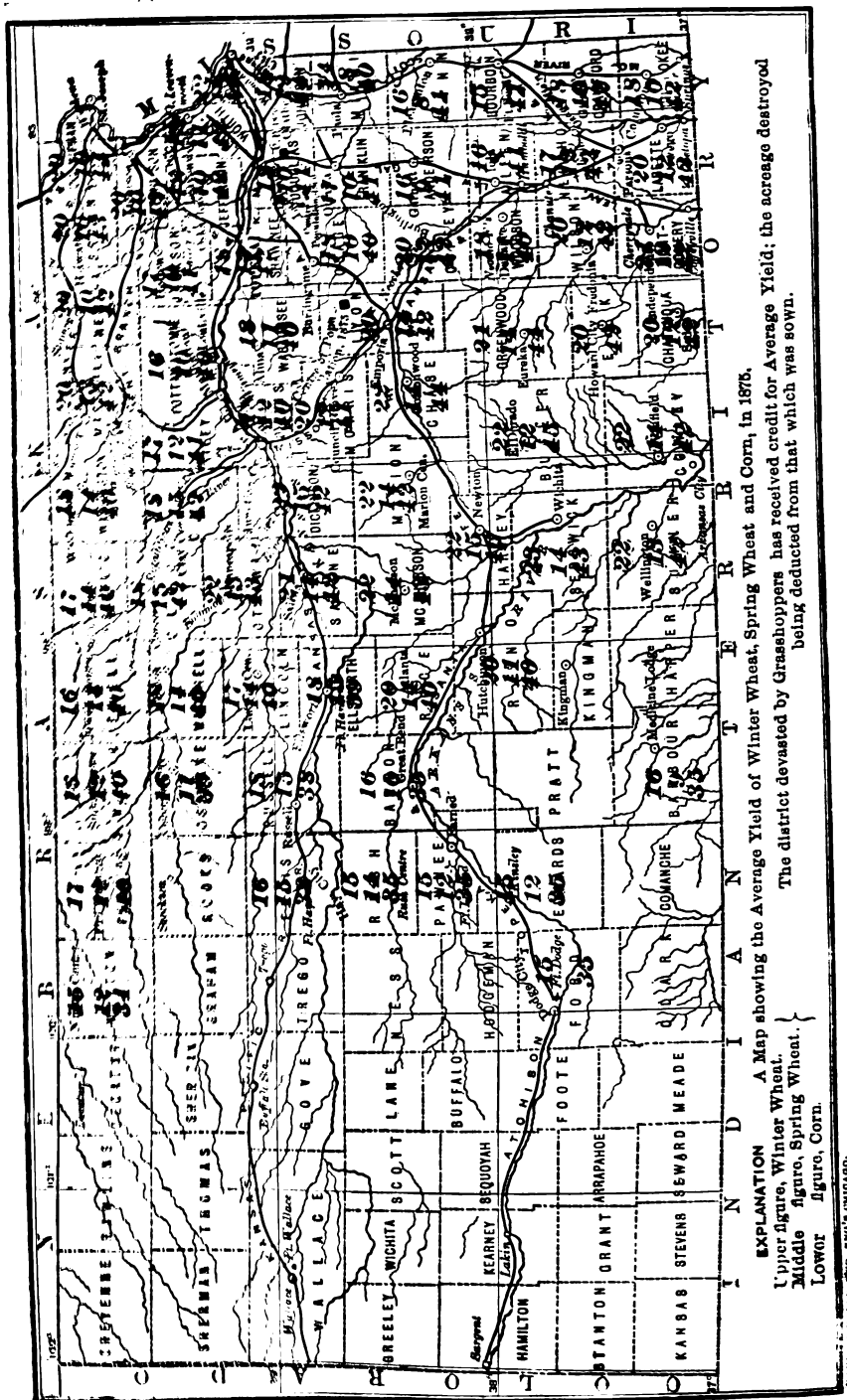


TABLE showing the Acreage of Principal Crops for 1874 and 1875, and the Increase and Decrease during the year, for the State.

| CROPS.                            | ACREAGE<br>FOR 1874. | ACREAGE<br>FOR 1875. | NUMBER OF<br>ACRES<br>INCREASE IN<br>CROPS<br>NAMED. | NUMBER OF<br>ACRES<br>DECREASE<br>IN CROPS<br>NAMED. | PER CENT. OF<br>INCREASE. | PER CENT. OF<br>DECREASE. |
|-----------------------------------|----------------------|----------------------|------------------------------------------------------|------------------------------------------------------|---------------------------|---------------------------|
| Winter Wheat .....                | 438,179              | 503,681.74           | 67,502.74                                            | -----                                                | 15.4                      | -----                     |
| Rye .....                         | 30,546               | 84,883.92            | 54,337.92                                            | -----                                                | 177.9                     | -----                     |
| Spring Wheat .....                | 278,026              | 237,523.57           | -----                                                | 40,402.43                                            | -----                     | 14.5                      |
| Corn .....                        | 1,525,421            | 1,932,860.66         | 407,439.66                                           | -----                                                | 26.6                      | -----                     |
| Barley .....                      | 24,115               | 87,753.56            | 13,638.56                                            | -----                                                | 56.5                      | -----                     |
| Oats .....                        | 314,926              | 289,437.40           | -----                                                | 25,488.60                                            | -----                     | 8.4                       |
| Buckwheat .....                   | 7,866                | 13,835.71            | 5,969.71                                             | -----                                                | 75.9                      | -----                     |
| Irish Potatoes .....              | 46,164               | 40,577.17            | -----                                                | 5,586.83                                             | -----                     | 12.1                      |
| Sweet Potatoes .....              | 2,617                | 2,061.53             | -----                                                | 555.47                                               | -----                     | 21.2                      |
| Sorghum .....                     | 14,103               | 23,026.33            | 8,923.33                                             | -----                                                | 61.8                      | -----                     |
| Castor Beans .....                | 8,815                | 24,145.42            | 15,330.42                                            | -----                                                | 173.05                    | -----                     |
| Cotton .....                      | 1,739                | 1,893.75             | 154.75                                               | -----                                                | 0.08                      | -----                     |
| Flax .....                        | 16,844               | 49,358.68            | 32,514.68                                            | -----                                                | 19.1                      | -----                     |
| Hemp .....                        | 3,166                | 659.65               | -----                                                | 2,506.35                                             | -----                     | 79.1                      |
| Tobacco .....                     | 507                  | 430.78               | -----                                                | 76.22                                                | -----                     | 15.05                     |
| Broom Corn .....                  | 4,176                | 12,742.16            | 8,566.16                                             | -----                                                | 205.1                     | -----                     |
| Millet and Hungarian .....        | 55,326               | 82,552.35            | 27,226.35                                            | -----                                                | 49.2                      | -----                     |
| Timothy Meadow .....              | 29,601               | 21,218.38            | -----                                                | 8,382.62                                             | -----                     | 28.3                      |
| Clover Meadow .....               | 13,967               | 6,303.14             | -----                                                | 7,663.86                                             | -----                     | 54.9                      |
| Prairie Meadow .....              | 433,968              | 599,481.25           | 165,513.25                                           | -----                                                | 38.1                      | -----                     |
| Timothy Pasture .....             | 5,016                | 5,084.37             | 68.37                                                | -----                                                | 1.12                      | -----                     |
| Blue Grass Pasture .....          | 13,776               | 31,626.80            | 17,850.80                                            | -----                                                | 151.3                     | -----                     |
| Prairie Pasture under fence ..... | 397,142              | 745,213.82           | 348,071.82                                           | -----                                                | 87.6                      | -----                     |
| Clover Pasture .....              | 3,798                | 1,548.75             | -----                                                | 2,244.25                                             | -----                     | 59.2                      |
| Total .....                       | 3,669,769            | 4,749,900.89         | 1,173,058.52                                         | 92,906.63                                            | -----                     | -----                     |

## KANSAS AND SEVEN OTHER STATES.

Massachusetts thinks a good deal of itself, almost as much as New York does of itself, or Pennsylvania, Ohio, Indiana, Illinois and Missouri do of themselves. And each of these States has a right, because of its agricultural achievements, to a very good opinion of its capability. Together, they form the best agricultural belt of the continent, both as respects climate and fertility of soil. Since 1862, the Department of Agriculture has presented the average yield per acre of each, the last report being that for 1873. In order that persons familiar with these States may be able to judge of Kansas, which they do not know, by comparing it with the crop of a State which they do know, we present line-exhibits of the average yield per acre in each of the two staple crops, corn and wheat, during twelve consecutive years. And we demur, in the outset, to the usual practice of gentlemen who are beaten by facts taken from this source, namely, that of questioning their accuracy. Probably they are not mathematically and fractionally accurate in every particular. It would be very surprising if they were, considering the vast amount of data to be collected; but that does not invalidate the force of the tes-

timony, when these statistics are used in the comparison of States, simply because the liability to inaccuracy in the returns from one State equally exists in every other. The same causes which would operate in putting the Ohio average too low, would equally operate in Pennsylvania or New York. And, as the best and only standard that can be used, we close our budget of sample facts, illustrating the agricultural history of Kansas, with the following exhibits of the average per acre of corn and wheat. For the convenience of those who prefer to read the last chapter of a book first, we here present the summary of the corn and wheat exhibits. (See following Tables:)

TABLE XIV.

SUMMARY OF AVERAGE YIELD, PER ACRE, OF CORN, DURING TWELVE CONSECUTIVE YEARS, (1862—1873,) OF THE FOREGOING STATES AND KANSAS.

SCALE.—12 bushels to the inch.

|                      |                                                                                   |      |
|----------------------|-----------------------------------------------------------------------------------|------|
| Av. of seven states. |  | 83   |
| Average of Kansas.   |  | 86.3 |

TABLE XV.

SUMMARY OF AVERAGE YIELD, PER ACRE, OF WHEAT, DURING TWELVE CONSECUTIVE YEARS, OF THE FOREGOING STATES AND KANSAS.

SCALE.—6 bushels to the inch.

|                      |                                                                                   |      |
|----------------------|-----------------------------------------------------------------------------------|------|
| Av. of seven states. |  | 13.4 |
| Average of Kansas.   |  | 15.8 |

There is nothing in the Constitution or national Statutes which in any way debars those from so doing, who, in the lawful pursuit of life, liberty and happiness, elect to live in other States than Kansas. In fact, it is for the advantage of all parties that the population should be distributed, and the East, with its sea ports, factories and oysters, is a valuable adjunct to Kansas. Those who are snugly fixed, or who have accumulated all the wealth they desire, should remain where they are. But to those differently situated, and especially to *practical* farmers, who have the grit, muscle and skill to win their own way in life, we commend the story told by these twelve-year exhibits.\* If the choice States of the Union are reliable agricultural States, Kansas, resting on the facts, is at least equally safe; if they have a right to entertain a good opinion of themselves, agriculturally, so has Kansas; and if it chose, it might glorify itself.

Readers desiring information respecting the other industries of the State, will find the detailed facts in different portions of this volume, more especially in the statistical tables.

\* See Tables XVI and XVII.



TABLE XVI.

LINE-EXHIBIT OF THE RELATIVE AVERAGE YIELD, PER ACRE, OF CORN, IN SEVEN STATES  
AND IN KANSAS, DURING TWELVE CONSECUTIVE YEARS.

SCALE—Twelve bushels to an inch.

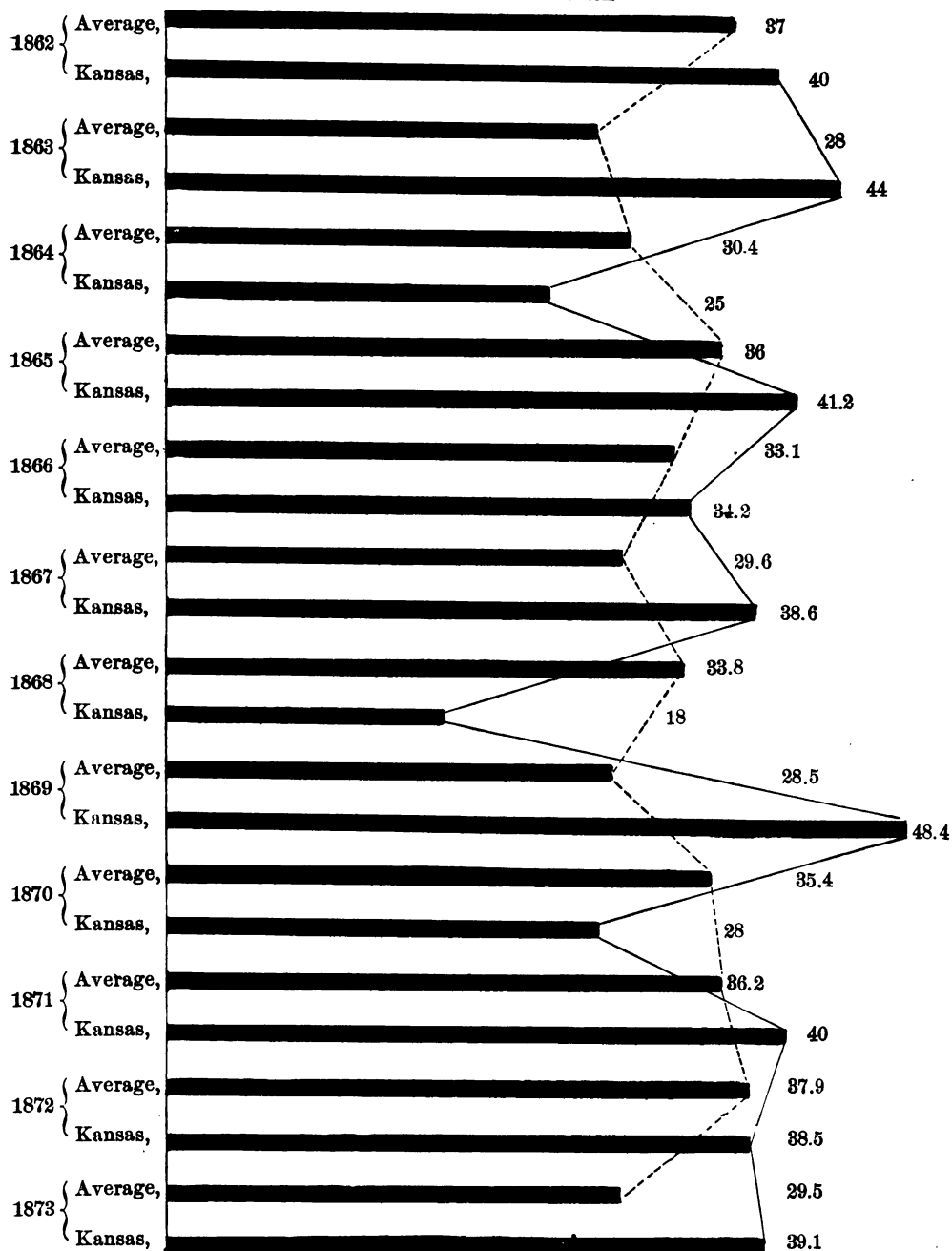
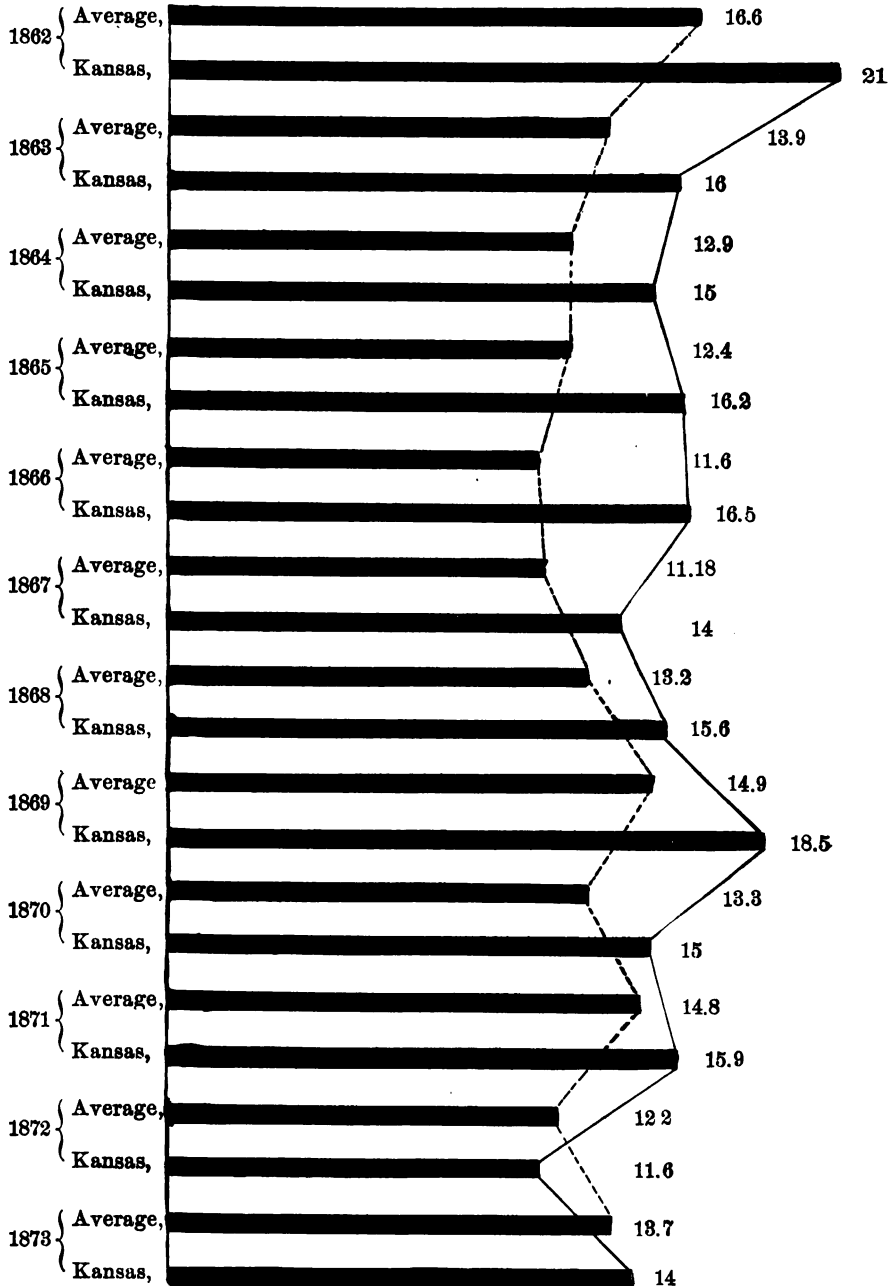


TABLE XVII.

LINE-EXHIBIT OF THE RELATIVE AVERAGE YIELD, PER ACRE, OF WHEAT, IN SEVEN STATES AND IN KANSAS, DURING TWELVE CONSECUTIVE YEARS.

SCALE—Six bushels to an inch.



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## THE RAILROADS OF KANSAS.

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BY T. DWIGHT THACHER.

The Railroad system of Kansas affords excellent transportation facilities to nearly every section of the State, and exhibits a wonderful development when it is considered, that only ten years ago there was hardly a mile of completed railway within our limits.

The earlier statute books, both of the Territory and State, are filled with acts granting railroad charters. Prior to the outbreak of the war in 1861, efforts had been made to inaugurate work upon several of these contemplated lines, and ground was broken, with imposing ceremonies and great local rejoicing, in a number of localities.

In 1858, citizens of the town of Atchison began the building of a railroad from the banks of the Missouri river, opposite that place, to connect with the Hannibal and St. Joseph Road, at St. Joseph, Mo., and this enterprise was successfully completed in February, 1860. But although this road was a Kansas enterprise, built by Kansas men and money, it was wholly within the State of Missouri. In 1861 it was extended from Atchison southeast to Weston, Mo., near Fort Leavenworth, and until after the close of the war was the only railroad route reaching the borders of Kansas, and connecting this State with the railroad system of the country.

In 1863, under the act of Congress providing for the building of a railroad to the Pacific, the construction of what is now known as the Kansas Pacific Railway began. The first shovelful of dirt was thrown at the State line between Kansas and Missouri, near Wyandotte. The locality was then a dense forest. During the summer of 1863, the visitor to the work found a graded road-bed, beginning at the State line and stretching westward up the valley of the Kansas river. There was no railway connecting it with the East. It had, practically, neither beginning nor end. Missouri was still a Slave State. A large stake was planted on the line between the two States, having on its eastern face, towards Missouri, the inscription, "Slave State," and on its western face, towards Kansas, and the line to the new pathway of Empire, the words, "Free State." The head of this enterprise was SAMUEL HALLETT, of Steuben County, New York, a man of many most brilliant and striking traits of character. To him belongs the credit of doing the first substantial work in the construction of a railroad from the Missouri river to the Pacific ocean. The line from Omaha westward was not commenced until some time after. MR. HALLETT was cruelly assassinated in the streets of Wyandotte, in August, 1864. The construction of the road then passed into the hands of St. Louis and Eastern capitalists, with JOHN D. PERRY, Esq., of St. Louis, at their head. This road, with eastern termini at Wyandotte and Leavenworth, the two branches uniting at Lawrence, runs westward up the valleys of the Kansas and Smoky Hill rivers, through the entire length of the State, to Denver, Colorado, and thence to Cheyenne, Wyoming, where it connects with the Union Pacific Road from Omaha to the Pacific coast. At Denver it has also connections with the entire railway system of Colorado. It has a branch from Kit Carson to Fort Lyon, Colorado, and another from Junction City, to Clay county, Kansas.

The Atchison, Topeka, & Santa Fe Railroad runs diagonally across the State, from northeast to southwest. Beginning at Atchison, on the Missouri river, it passes through Topeka, the State capital; crosses the Neosho river at Emporia, follows up the Cottonwood, and strikes the Arkansas river at Hutchinson. Thence it ascends the valley of that river to Pueblo, Colorado, where it connects with the Denver & Rio Grande road, narrow gauge.

An important branch of the Atchison, Topeka & Santa Fe road runs south from Newton, Kansas, to Wichita, striking the Arkansas river at the latter point. It is intended to extend the main line of this road to a connection with the projected Southern Pacific road, effecting a junction at some point in New Mexico.

The Missouri, Kansas & Texas Railroad begins at Junction City, there connecting with the Kansas Pacific road, runs southeast, and strikes the Neosho river at Parkerville. Thence it follows the general course of that stream, crossing the Atchison, Topeka & Santa Fe road at Emporia, and the Leavenworth, Lawrence & Galveston road at Chanute, to the south line of the State, passing through the Indian Territory to Texas.

Another line of the Missouri, Kansas & Texas road runs from Hannibal, Missouri, on the Mississippi river, through Missouri, entering Kansas near Fort Scott, crossing the Missouri River, Fort Scott & Gulf road at that place, and connecting with the Junction City branch at Parsons. At Dennison, Texas, this road connects with roads leading direct to the Gulf of Mexico.

The Missouri, Kansas & Texas Company have also a branch road reaching from Holden, Missouri, on the Missouri Pacific, to Paola, Kansas.

The Missouri River, Fort Scott & Gulf Railroad runs from the mouth of the Kansas river, at Wyandotte, through the eastern tier of counties, to the south line of the State, crossing the Missouri, Kansas & Texas road at Fort Scott.

The Missouri Pacific Railroad, from St. Louis, Mo., enters the State at Wyandotte, and thence, following the general course of the Missouri river, passes through Leavenworth to Atchison. The line from Wyandotte to Leavenworth is known as the Missouri River Railroad; and that from Leavenworth to Atchison, as the Leavenworth, Atchison & Northwestern Railroad; but both are operated as leased lines, by the Missouri Pacific Railroad Company.

The Atchison & Nebraska Railroad leads from Atchison northwest to Lincoln, the capital of Nebraska, a distance of 146 miles. It crosses the St. Joseph & Denver road at Troy, Kansas, and connects at Lincoln with the Midland Pacific & Omaha and Southwestern road. A branch of the Atchison & Nebraska is also being built from Salem, Neb., north to Nebraska City, and the main line is being extended north from Lincoln to a connection with the Union Pacific road, at Fremont.

The Atchison & Nebraska, Missouri Pacific, & Missouri River, Fort Scott & Gulf roads, thus form a continuous line along the eastern border from the north to the south line of the State.

The Central Branch Union Pacific road leads from Atchison directly west to Waterville, Marshal county, a distance of 100 miles.

The Leavenworth, Lawrence & Galveston road runs from Leavenworth, crossing the Kansas Pacific road at Lawrence, and thence, through the second tier of counties south of the Kansas river, to the southern line of the State. There is a branch of this road from Cherry Vale to Independence, and another branch from Ottawa to Kansas City, Mo.

The St. Joseph and Denver road traverses the northern tier of counties from the Missouri river, opposite St. Joseph, to Hastings, Neb., there connecting with a

line, making a junction with the Union Pacific road at Fort Kearney. The line runs through Kansas about 140 miles.

The Kansas Central (narrow gauge), leads from Leavenworth directly west to Holton, a distance of 56 miles. It crosses the Atchison, Topeka & Santa Fe Railroad at Grasshopper Falls.

The St. Louis, Lawrence & Western Railroad, runs from Lawrence eastward, through Olathe, Kansas, to Pleasant Hill, Mo., where it makes connection with the Missouri Pacific road. It is operated in connection with the Missouri Pacific.

Another road, known as the Lawrence & Southwestern, extends from Lawrence westward, along the Valley of the Wakamsa river, to Carbondale, there connecting with the Atchison, Topeka & Santa Fe Railroad.

The Midland road runs from Topeka eastward, along the Valley of the Kansas, through Lawrence, to the Missouri State line. It is operated by the Atchison, Topeka & Santa Fe Company.

A railroad has been built from Wathena to Doniphan, connecting there with the Atchison & Nebraska road. It is operated by the company owning this road.

The Manhattan & Northwestern road has been graded from Manhattan, up the Valley of the Blue, to Irving, on the Central Branch road. About six miles of track have been laid on the Manhattan end of the road.

A road has also been built from Fort Scott to Memphis, Kansas, a distance of nine miles. It is called the Fort Scott, Memphis & Southeastern road.

It will thus be seen, that the State is penetrated from east to west by six great lines of railroads, two of these traversing its entire length. It is also spanned along its eastern border by a continuous line from north to south, while the great valleys of the Kansas, the Arkansas, the Neosho, and the Blue, are also supplied with railroad facilities.

Kansas has thus a system of railroads, such as no other State of its age can boast. And this system is connected by direct routes with the entire railway system of the Continent. The State is approached from the East by three great trunk lines from Chicago, viz., the Chicago, Rock Island & Pacific, having termini on the Missouri river, both at Atchison and Leavenworth; the Hannibal & St. Joseph road, having its western termini at Atchison and Kansas City; and the Burlington & Missouri River road, with its western terminus at Atchison. The Missouri, Kansas & Texas road connects at Hannibal, on the Mississippi, with the Toledo, Wabash & Western and the Chicago, Burlington & Quincy roads, and crossing Missouri in a southwestern direction enters Kansas near Fort Scott. The Missouri Pacific affords a direct route from St. Louis, entering Kansas at Wyandotte, and passing through Leavenworth to Atchison, with branches from Holden, Mo., to Paola, Kansas, and from Pleasant Hill, Mo., to Lawrence, Kansas.

The St. Louis, Kansas City & Northern road is also a direct line from St. Louis, connecting with the Kansas system of roads at Kansas City, Wyandotte, and St. Joseph. The Kansas City, St. Joseph & Council Bluffs road traverses the valley of the Missouri, along its east bank, from Council Bluffs, Iowa, to Kansas City, Mo., having stations at the principal cities of Kansas on the Missouri river, and affording, at Council Bluffs, a direct connection with the Union Pacific road and the lines leading through Iowa east and north.

The Atlantic & Pacific road, from St. Louis, has a branch to Brownsville, Cherokee county.

It will thus be seen, that Kansas has eight great competing lines of railway, running east, northeast, southeast, and north and south. This system connects the roads within her border with the entire railroad system leading to the Atlantic coast. Two

great lines through the State furnish routes to the markets of the mining regions of Colorado, New Mexico, and Arizona, and direct connections with the Pacific coast. And still other roads afford direct routes from nearly all parts of the State to Texas and the Gulf of Mexico on the south.

Railroad building in Kansas, as elsewhere throughout the country, received a severe check by the commercial crisis of 1873. There are evident signs, however, that the check is only temporary. The rapid advance of the State in population and wealth, and especially in the development of its agricultural and manufacturing interests, is already calling for increased facilities of transportation in those sections not reached by our present system of railroads.

There are a number of projected roads, upon some of which work is progressing; others passing through the preliminary stage of agitation and popular discussion which has marked the history of all our railroad enterprises. Of the seventy-three counties at present organized in the State, forty-nine are now traversed or penetrated by railroads.

The following table gives the aggregate mileage of the different railroads now in operation in Kansas. The Territorial points are given, but the number of miles stated is only the length of the roads mentioned within the limits of the State of Kansas:

|                                                                                                                |        |
|----------------------------------------------------------------------------------------------------------------|--------|
| St. Joseph and Denver—Elwood to Hastings, Neb.....                                                             | 187½   |
| Atchison & Nebraska—Atchison to Lincoln, Neb. ....                                                             | 38     |
| Central Branch Union Pacific—Atchison to Waterville.....                                                       | 100    |
| Atchison, Topeka & Santa Fe—Atchison to Pueblo, Colorado.....                                                  | 467    |
| Wathena & Doniphan.....                                                                                        | 13½    |
| Kansas Central—Leavenworth to Holton .....                                                                     | 56     |
| Missouri Pacific—St. Louis to Atchison.....                                                                    | 48     |
| Kansas Pacific—Wyandotte to Cheyenne, Wyoming.....                                                             | 442    |
| Missouri, Kansas & Texas—Hannibal, Mo., to Parsons, Kansas, and Junction City, Kansas, to Dennison, Texas..... | 200½   |
| Leavenworth, Lawrence & Galveston—Leavenworth to Coffeyville..                                                 | 173    |
| Missouri River, Fort Scott & Gulf—Wyandotte to State line .....                                                | 159    |
| Wichita Branch of Atchison, Topeka & Santa Fe—Newton to Wichita.....                                           | 27     |
| St. Louis, Lawrence and Western—Pleasant Hill, Mo., to Carbondale .....                                        | 69     |
| Kansas Midland—Topeka to State Line.....                                                                       | 66     |
| Junction City and Fort Kearney—Junction City to Clay Centre.....                                               | 33     |
| Leavenworth, Lawrence & Galveston—branch from Ottawa to Kansas City, Missouri .....                            | 53     |
| Holden Division, Missouri, Kansas & Texas—Holden, Missouri, to Paola....                                       | 17½    |
| Memphis, Carthage & Northwestern—Pierce City to Brownsville.....                                               | 2½     |
| Fort Leavenworth—Leavenworth to Fort Leavenworth.....                                                          | 2      |
| Fort Scott, Southeast & Memphis—Fort Scott to .....                                                            | 6      |
| Southern Kansas—Cherryvale to Independence.....                                                                | 9½     |
| Total miles in Kansas.....                                                                                     | 2,120½ |

#### THE RIVERS OF KANSAS.

The Missouri river forms the eastern boundary of the State, from the Nebraska line to Wyandotte. It is navigable almost the entire year, by the largest steamboats, and is a very important channel of transportation. Elegant and substantial iron bridges, for railway and wagon travel, span this great river at Wathena, Atch-

ison, Leavenworth and Kansas City. The Kansas river was navigated in early days, by small steamboats, as far west as Fort Riley. In 1869 a light draught boat made several trips between the Missouri and Lawrence, taking out corn. This stream has since been bridged at Wyandotte, Lawrence, Topeka, and Wamego, and is no longer navigable. The Arkansas, Neosho, Republican, Solomon, Verdigris, Blue, Cottonwood, Spring, Marais du Cygne, Delaware, and Nemaha rivers, are all fine, full flowing streams, and nearly all of them afford excellent water powers. The Kansas river is dammed at Lawrence; the Blue at Manhattan, Blue Rapids, Waterville and Marysville; the Neosho, at Burlington, Neosho Falls, Le Roy, Humboldt, Oswego, and several other points, and the Delaware, at Valley Falls. The water powers afforded by the Blue, Neosho, Solomon, Republican, Cottonwood, Delaware, Marais du Cygne, and several other streams, are unexcelled in the West. The rivers and creeks of Kansas, both large and small, are more generally bridged than is common in new States. Many of these bridges are substantial iron structures resting on stone abutments and piers.

#### COMMON ROADS.

The common highways of Kansas are among the best in the world. The rolling face of the country insures good drainage. The "bottoms" lie high above the beds of the streams, so that roads can be drained by side ditches, at small expense. There are no swamps, and very rarely, a slough—that terror of most flat prairie countries. The character of the soil is such, that the roads become very solidly and smoothly compacted by travel, presenting a surface almost as hard as wood. A very little care suffices to give good roads the year round. In the early days of the Territory of Kansas, there were several great overland highways passing through its borders, leading to California, New Mexico, Utah, and Colorado. These roads followed the "divides," and were admirably located for permanent routes. They were made public highways by the early Legislatures; but the more recent custom of locating all roads upon township or section lines, has caused these old roads to be re-located. Our roads now generally run zig-zag, on straight lines, and very little attention is paid to avoiding irregularities of the surface.

#### TELEGRAPHS.

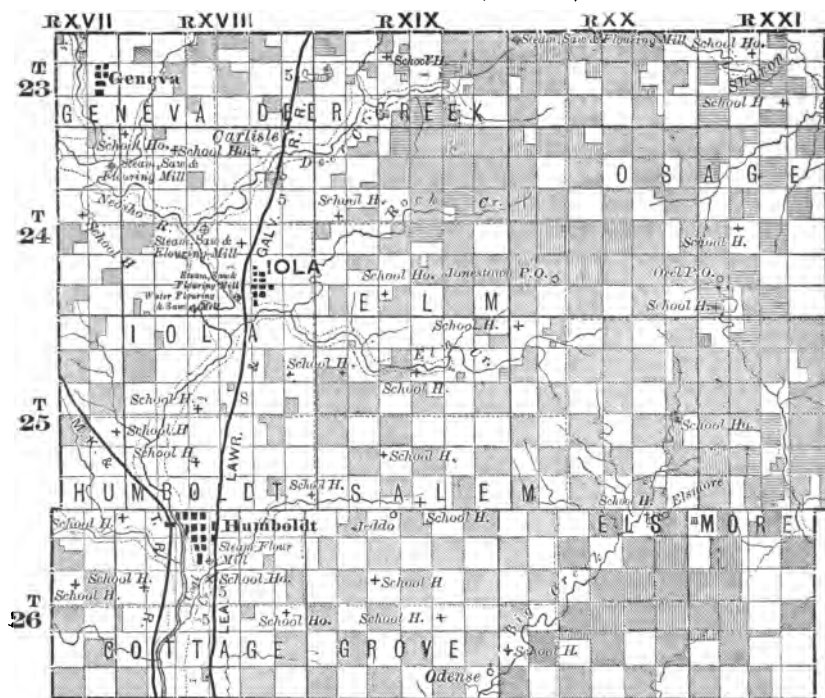
Of telegraphs, nothing more need be said, than that the lines run along all of the railroads, and are operated by the Western Union Telegraph Company. And as the railroads traverse or penetrate nearly every section of the State, the telegraphic facilities of Kansas are excellent. The Telegraph has kept pace with the growth and development of the State.

## INDUSTRIES, BY COUNTIES.

## ALLEN COUNTY.

Organized in 1855. Named in honor of Gov. William Allen, of Ohio, who was for many years a member of the United States Senate from that State, and favored the doctrine of popular sovereignty, on the opening of Kansas Territory to settlement. Square miles, 504. Population to square mile, 13.17. Population in 1860, 3,082; in 1870, 7,022; increase in ten years, 3,940; population in 1875, 6,638; decrease in five years, 384; increase in fifteen years, 3,556.

MAP OF ALLEN COUNTY, KANSAS, 1875.



RAND, McNALLY &amp; CO., CHICAGO.

M.K. &amp; T.R.R. Lands

L.L. &amp; G.R.R. Lands

Government Lands

Unsold Lands of the Mo.R.F.S. &amp; Gulf R.R.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES.  | POP.  |
|-----------------------|------|-----------------------|-------|------------------------|-------|
| Cottage Grove.....    | 687  | Deer Creek .....      | 585   | Elm.....               | 304   |
| Elsmore.....          | 469  | Geneva .....          | 491   | City of Humboldt ..... | 1,151 |
| Humboldt.....         | 687  | Iola.....             | 1,358 | Osage.....             | 508   |
| Salem.....            | 398  |                       |       |                        |       |



*Nativity.*—Born in the United States, 6,145; in Germany, 144; in Ireland, 45; in England and Wales, 106; in Scotland, 20; in Sweden, Norway and Denmark, 84; in France, 8; in South of Europe, 11; in British America, 60; in countries not specified, 15.

*Sex.*—Males, 3,419; females, 3,219.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                           |    |
|--------------------|-------|---------------------|-----|---------------------------|----|
| Alabama.....       | 9     | Michigan.....       | 142 | Texas.....                | 41 |
| Arkansas.....      | 52    | Minnesota.....      | 2   | Vermont.....              | 15 |
| California.....    | 7     | Mississippi.....    | 5   | Virginia.....             | 31 |
| Colorado.....      | 2     | Missouri.....       | 576 | West Virginia.....        | 1  |
| Connecticut.....   | 20    | Nebraska.....       | 26  | Wisconsin.....            | 94 |
| Delaware.....      | 3     | Nevada.....         | 3   | Dist. of Columbia and the |    |
| Illinois.....      | 1,625 | New Jersey.....     | 4   | Territories.....          | 75 |
| Indiana.....       | 772   | New York.....       | 143 | Germany.....              | 15 |
| Iowa.....          | 408   | North Carolina..... | 30  | Ireland.....              | 1  |
| Kentucky.....      | 143   | Ohio.....           | 426 | England and Wales.....    | 16 |
| Louisiana.....     | 1     | Pennsylvania.....   | 59  | Scotland.....             | 2  |
| Maine.....         | 3     | Rhode Island.....   | 2   | Sweden, Norway, Denmark   | 44 |
| Maryland.....      | 4     | South Carolina..... | 5   | Italy.....                | 4  |
| Massachusetts..... | 16    | Tennessee.....      | 49  | British America.....      | 17 |

Born in Kansas, 1,691; not otherwise stated, 35.

*Occupation.*—There are 1,253, or 67.2 per cent., engaged in Agriculture; 341, or 18.3 per cent., in Professional and Personal service; 113, or 60 per cent., in Trade and Transportation; 156, or 8.3 per cent., in Manufactures and Mining.

*County Seat.*—Iola, the county seat, is 79 miles in an air line from Topeka, in a southerly direction.

*Face of the Country.*—Bottom land, 10 per cent.; upland, 90; forest, 6; prairie, 94. General surface of the country, level; average width of bottoms, one and a half miles.

*Timber.*—Average width of timber belts, one mile; principal varieties, black walnut, hickory, cottonwood, oak, sycamore, hackberry, elm, etc.

*Principal Streams.*—Neosho river, fed by Indian, Martin's, Deer, Elm and other creeks; Little Osage and Marmaton rivers. General course of the Neosho and Marmaton, from northwest to southeast; of the Osage, from southwest to northeast. The county is also tolerably well supplied with springs, and good well-water from 20 to 30 feet.

*Coal.*—Charles P. Ives, of Humboldt, reports that only surface coal has been found in their county in paying quantities, and that only enough of this has been found for immediate home use. On Little Osage river and in townships 25 and 26 of ranges 18 and 19, and township 24, range 20, this is found, and the past year some 450 tons have been mined, valued at about \$2.50 per ton. The veins are about three feet below the surface.

*Building Stone.*—Blue and red limestone and red sandstone, of good quality, abound throughout the county.

*Railroad Connections.*—The Leavenworth, Lawrence & Galveston Railroad runs through the western portion of the county, from north to south, passing through Iola and Humboldt. The Missouri, Kansas & Texas Railroad enters the county on the west, running through Humboldt, and thence south, parallel with the L., L. & G.

*Agricultural Statistics.*—Acres in the county, 322,560; taxable acres, 307,748; under cultivation, 70,878.55; cultivated to taxable acres, 23.03 per cent.; increase of cultivated acres during the year, 2,380.55.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 810.88    | 16.00          | 4,974     | \$ .97 | \$ 4,824.78       |
| Rye.....bu.                   | 257.20    | 18.00          | 4,630     | .63    | 2,916.90          |
| Spring Wheat.....bu.          | 10.00     | 8.00           | 80        | .73    | 58.40             |
| Corn.....bu.                  | 31,266.16 | 41.00          | 1,281,913 | .25    | 320,478.25        |
| Barley.....bu.                | 157.50    | 22.00          | 3,465     | 1.28   | 4,435.20          |
| Oats.....bu.                  | 1,334.60  | 28.00          | 37,369    | .25    | 9,342.25          |
| Buckwheat.....bu.             | 97.02     | 18.00          | 1,746     | .95    | 1,658.70          |
| Potatoes, Irish.....bu.       | 640.74    | 80.00          | 51,259    | .35    | 17,940.65         |
| Sweet Potatoes.....bu.        | 26.08     | 150.00         | 3,904     | 1.00   | 3,904.00          |
| Sorghum.....gall.             | 645.45    | 100.00         | 64,545    | .45    | 29,045.25         |
| Castor Beans.....bu.          | 1,234.12  | 15.00          | 18,512    | 1.10   | 20,363.20         |
| Cotton.....bs.                | 79.11     | 150.00         | 11,866    | .10    | 1,186.60          |
| Flax.....bu.                  | 904.98    | 10.00          | 9,049     | 1.10   | 9,953.90          |
| Hemp.....bs.                  | 37.50     | 600.00         | 22,500    | .65    | 14,625.00         |
| Tobacco.....bs.               | 5.00      | 500.00         | 2,500     | .08    | 200.00            |
| Broom Corn.....bs.            | 374.56    | 725.00         | 271,556   | .07    | 19,008.92         |
| Millet and Hungarian.....tons | 1,197.00  | 2.37           | 2,837     | 4.00   | 11,348.00         |
| Timothy.....tons              | 42.00     | 1.00           | 42        | 5.00   | 210.00            |
| Clover.....tons               | 190.25    | 2.50           | 476       | 5.00   | 2,380.00          |
| Prairie.....tons              | 20,865.00 | 1.50           | 31,297    | 3.50   | 109,539.50        |

*Dairy Products.*—Cheese manufactured in 1870, 1,450 lbs.; in 1875, 7,174 lbs.: increase, 5,724 lbs. Butter manufactured in 1870, 90,588 lbs.; in 1875, 140,269 lbs.: increase, 49,681 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,717; in 1875, 2,925: increase, 1,208. Mules and asses, in 1870, 136; in 1875, 330: increase, 194. Cattle, in 1870, 6,477; in 1875, 13,716: increase, 7,239. Sheep, in 1870, 1870; in 1875, 828: decrease, 1,040. Swine, in 1870, 1,831; in 1875, 4,719: increase, 2,888.

*Dogs.*—Number of dogs in the county, 1,147; number of sheep killed by dogs, 53; value of sheep killed by dogs, \$123.49. Number of sheep killed by wolves, 28; value of sheep killed by wolves, \$65.24.

*Horticulture.*—Acres of nurseries, 20.12; orchards, 2,424.13; vineyards, 42.51.

*Apiculture.*—Number of stands of bees, 186; pounds of honey, 513; wax, 83 lbs.

*Fences.*—Stone, 13,958 rods; cost, \$24,426.50. Rail, 149,400 rods; cost, \$201,690. Board, 47,641 rods; cost, \$65,258.87. Wire, 21,000 rods; cost, \$14,700.00. Hedge, 153,167 rods; cost, \$84,241.85. Total rods of fence, 385,166; total cost, \$390,317.22.

*Water Power.*—The Neosho river furnishes good water power. Two dams have been constructed, supplying saw and grist mills.

*Manufactures.*—Iola township, sugar mill and pan, horse power, capital \$500; same township, saw mill, water power, capital \$6,000; same township, one steam grist and saw mill, capital \$10,000; same township, one water power mill, capital \$4,000; one steam furniture factory. At Humboldt there is one cigar manufactory; two steam flouring mills; one steam furniture factory. At Geneva, one steam saw and grist mill. In Osage township, one steam saw and grist mill. In Deer Creek township, one saw and grist mill.

*Banks.*—There are no National banks. The banks, other than National, are the Humboldt Bank, and Pratt & Dayton, at Humboldt; and the banking house of L. L. Northrup, at Iola. The aggregate capital of these banks is \$28,000.

*Newspapers.*—There are two weekly papers in the county, the *Union*, at Humboldt, and the *Neosho Valley Register*, at Iola.

*Schools, etc.*—There are 57 school districts and 55 school houses; value of school buildings and grounds, furniture and apparatus, \$48,947.

*Churches.*—Presbyterian: Organizations 7, membership 350, church edifices 4, val-

uation \$19,800. Congregational: Church 1, membership 56, church edifices 1, valuation \$3,000. Baptist: Organizations 3, membership 150, edifices 2, valuation \$12,000. Methodist: Organizations 11, membership 350, church edifices 2, parsonage 1, valuation, \$13,000. Episcopal: Organizations 1, membership 12, value of church property \$500. Catholic: Organizations 4, membership 660, church edifices 3, valuation \$3,000.

*Libraries.*—No returns.

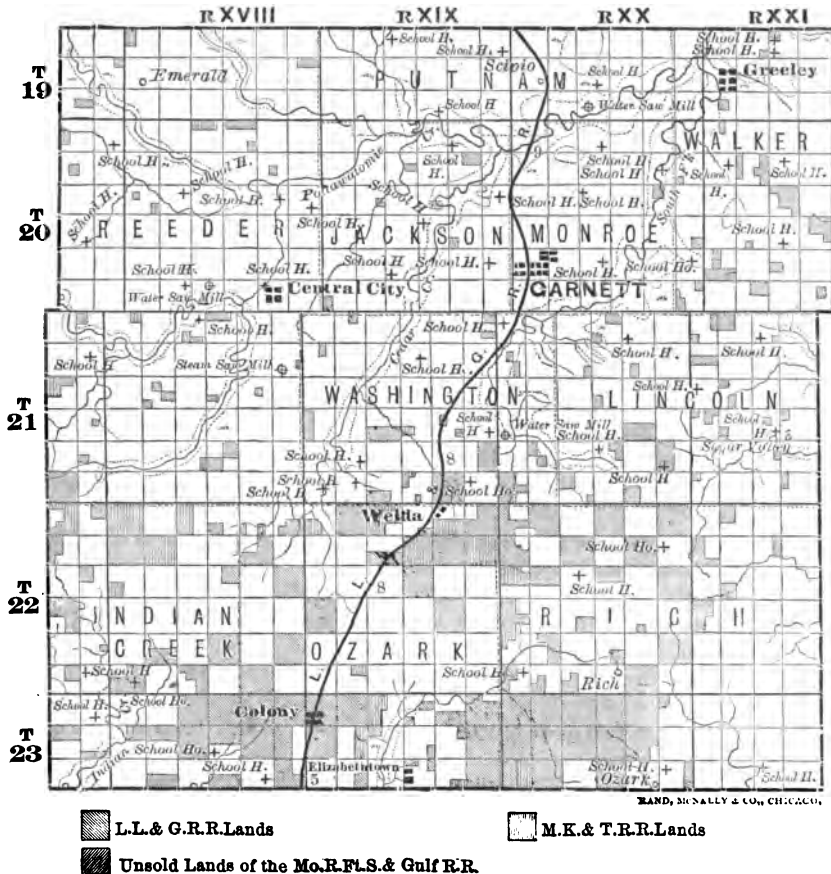
*Lands.*—The unsold lands are indicated on the accompanying map of this county.

*Miscellaneous.*—Produce of gardens, \$3,298. Value of poultry and eggs sold during the year, \$6,541. Number of pounds of wool produced, 2,135. Unoccupied lands are valued at from \$3 to \$7 per acre.

### ANDERSON COUNTY.

Organized in 1855. Named in honor of Col. Jos. C. Anderson, of Lexington, Missouri, who was a member of the first Kansas Territorial Legislature, and Speaker

MAP OF ANDERSON COUNTY, KANSAS, 1875.



*pro tem.* of the House of Representatives. Square miles, 576. Population to square mile, 10.08. Population in 1860, 2,400; in 1870, 5,220: increase in ten years, 2,820; population in 1875, 5,809: increase in five years, 589: increase in fifteen years, 3,409.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|------|-----------------------|-------|
| Indian Creek.....     | 180   | Jackson.....          | 470  | Lincoln.....          | 332   |
| Garnett City.....     | 1,048 | Monroe.....           | 628  | Ozark.....            | 214   |
| Putnam.....           | 409   | Reeder.....           | 777  | Rich.....             | 490   |
| Walker.....           | 905   | Washington.....       | 456  | .....                 | ..... |

*Nativity.*—Born in the United States, 5,366; in Germany, 185; in Ireland, 115; in England and Wales, 83; in Scotland, 14; in Sweden, Norway and Denmark, 9; in France, 6; in South of Europe, 4; in British America, 26; in countries not specified, 1.

*Sex.*—Males, 3,021; females, 2,788.

WHERE FROM TO KANSAS.

|                    |     |                     |     |                                            |    |
|--------------------|-----|---------------------|-----|--------------------------------------------|----|
| Arkansas.....      | 50  | Nebraska.....       | 16  | Virginia.....                              | 24 |
| California.....    | 8   | Nevada.....         | 1   | West Virginia.....                         | 4  |
| Colorado.....      | 12  | New Hampshire.....  | 4   | Wisconsin.....                             | 82 |
| Connecticut.....   | 13  | New Jersey.....     | 3   | Dist. of Columbia and the Territories..... | 32 |
| Illinois.....      | 981 | New York.....       | 84  | Germany.....                               | 38 |
| Indiana.....       | 564 | North Carolina..... | 17  | Ireland.....                               | 8  |
| Iowa.....          | 386 | Ohio.....           | 747 | England and Wales.....                     | 25 |
| Kentucky.....      | 38  | Oregon.....         | 7   | Scotland.....                              | 8  |
| Maine.....         | 9   | Pennsylvania.....   | 220 | Sweden, Norway and Denmark.....            | 5  |
| Massachusetts..... | 24  | Rhode Island.....   | 1   | Other South of Europe.....                 | 5  |
| Michigan.....      | 113 | Tennessee.....      | 45  | British America.....                       | 17 |
| Minnesota.....     | 25  | Texas.....          | 13  |                                            |    |
| Missouri.....      | 511 | Vermont.....        | 2   |                                            |    |

Born in Kansas, 1,644; not otherwise stated, 28.

*Occupation.*—There are 1,280 or 75.9 per cent. engaged in Agriculture; 197 or 11.6 per cent. in Professional and Personal service; 83 or 4.8 per cent. in Trade and Transportation; 127 or 7.5 per cent. in Manufactures and Mining.

*County Seat.*—Garnett. The county seat is 58 miles in an air line from Topeka, in a southeasterly direction.

*Face of the Country.*—Bottom land, 10 per cent.; upland, 90 per cent.; forest, 6 per cent.; prairie, 94 per cent. Average width of bottoms, about two miles; general surface of the country undulating.

*Timber.*—Average width of timber belts, three-quarters of a mile. Varieties: walnut, white oak, burr oak, hickory, hackberry, elm, sycamore, cottonwood, hard and soft maplewood, etc.

*Principal Streams.*—The Pottawatomie is the principal stream; the north fork runs east and the south fork northeast through the county. The following are the smaller streams: Cedar creek, running north; Sac creek, southeast; Iantha, southeast; Thomas, northeast; Indian, southwest; Deer, southwest; Little Osage, southeast; Big Sugar, east; Little Sugar, east. There is also a moderate number of springs, and good well water is reached at from fifteen to twenty-five feet.

*Coal.*—Area not stated; thickness of vein from eight to twenty-two inches; depth below surface, from two to four feet; quality good, and free from sulphur; used exclusively for domestic purposes.

*Building Stone, etc.*—Good building stone (variety not stated) abounds throughout the county. Lead has been discovered at two points, but has not been worked; there is also a nine-inch vein of good fire clay, as well as a vein of ochre.

*Railroad Connections.*—The Leavenworth, Lawrence & Galveston Railroad enters

the county from the north, and runs south through the entire extent of the county. Stations : Garnett, Weldon and Colony.

*Agricultural Statistics.*—Acres in the county, 368,640; taxable acres, 333,272; under cultivation, 45,788.93; cultivated to taxable acres, 14.03 per cent.; decrease of cultivated acres during the year, 1,989.07.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 1,015.00  | 16.00          | 16,240   | \$ .97 | \$ 15,732.80      |
| Rye.....bu.                   | 85.40     | 18.00          | 1,537    | .65    | 999.05            |
| Spring Wheat.....bu.          | 116.38    | 9.00           | 1,047    | .74    | 774.78            |
| Corn.....bu.                  | 22,587.50 | 41.00          | 938,387  | .25    | 234,586.75        |
| Barley.....bu.                | 35.50     | 22.00          | 782      | 1.26   | 985.32            |
| Oats.....bu.                  | 3,214.58  | 28.00          | 90,008   | .25    | 22,502.00         |
| Buckwheat.....bu.             | 119.00    | 18.00          | 2,142    | .98    | 2,099.16          |
| Potatoes, Irish.....bu.       | 500.13    | 20.00          | 40,010   | .35    | 14,003.50         |
| Sweet Potatoes.....bu.        | 41.37     | 150.00         | 6,205    | 1.12   | 6,949.60          |
| Sorghum.....gall.             | 496.67    | 100.00         | 49,667   | .43    | 21,356.81         |
| Castor Beans.....bu.          | 227.50    | 14.00          | 3,185    | 1.10   | 3,503.50          |
| Cotton.....bs.                | 9.50      | 150.00         | 1,425    | .10    | 142.50            |
| Flax.....bu.                  | 483.37    | 10.00          | 4,834    | 1.06   | 5,124.04          |
| Hemp.....bs.                  | .50       | 625.00         | 312      | .65    | 202.80            |
| Tobacco.....bs.               | 8.75      | 500.00         | 4,375    | .08    | 350.00            |
| Broom Corn.....bs.            | 31.25     | 725.00         | 22,656   | .07    | 1,585.92          |
| Millet and Hungarian.....tons | 612.00    | 2.37           | 1,450    | 4.00   | 5,800.00          |
| Timothy.....tons              | 336.50    | 1.00           | 336      | 5.50   | 1,848.00          |
| Clover.....tons               | 48.00     | 2.50           | 120      | 5.00   | 600.00            |
| Prairie.....tons              | 9,569.00  | 1.50           | 14,353   | 3.50   | 50,235.50         |

*Dairy Products.*—Cheese manufactured in 1870, 4,205 lbs.; in 1875, 40,628 lbs.: increase, 36,423 lbs. Butter manufactured in 1870, 93,485 lbs.; in 1875, 141,927 lbs.: increase, 48,442 lbs.

*Farm Animals.*—Number of horses in 1870, 2,711; in 1875, 2,808: increase, 92. Mules and asses, in 1870, 203; in 1875, 337: increase, 134. Cattle, in 1870, 7,230; in 1875, 12,079: increase, 4,849. Sheep, in 1870, 2,950; in 1875, 1,864: decrease, 1,086. Swine, in 1870, 2,538; in 1875, 2,791: increase, 253.

*Dogs.*—Number of dogs in the county, 1,018; number of sheep killed by dogs, 98; value of sheep killed by dogs, \$228.34. Number of sheep killed by wolves, 94; value of sheep killed by wolves, \$219.02.

*Horticulture.*—Acres of nurseries, 43; orchards, 1,931.25; vineyards, 29.50.

*Apiculture.*—Number of 'stands of bees, 178; pounds of honey, 804; wax, 46.

*Fences.*—Stone, 16,020 rods; cost \$34,042.50. Rail, 130,489 rods, cost \$182,684.60. Board, 29,859 rods, cost \$38,816.70. Wire, 17,600 rods, cost \$13,200. Hedge, 68,783 rods, cost \$42,989.37. Total rods of fence, 262,751; total cost, \$311,733.17.

*Water Power.*—There are four water powers, comparatively little utilized; two mills are in operation, but their character, location and extent are not stated.

*Manufactures.*—At Garnett, there are three grist mills, one saw mill, one cheese factory, one furniture factory, one oil mill, and a planing mill. At Greeley, there is a saw mill. At Central City there is one saw mill.

*Banks.*—There are no National banks; those other than National are the Anderson County Bank, and the Citizens' Bank, both at Garnett, the aggregate capital being \$31,760.

*Business Houses of Principal Town.*—City of Garnett: Agricultural implements, 1; books, periodicals and stationery, 1; boots and shoes, 3; clothing and tailoring, 12; confectionery and bakery, 3; carriage depository, 3; dry goods, mixed with groceries, 6; drugs, oils and paints, 3; furniture and upholstery, 1; groceries, 3; hardware, 2;

hats and caps, 1; jewelry, clocks, watches, etc., 2; lumber, 2; music and musical instruments, 2; millinery, 3; queensware, 3; saddles and harness, 2; sewing machines, 3; flouring mills, 2; sash and blinds, 1; meat markets, 3.

*Newspapers.*—There are two weekly papers, the *Journal* and *Plainsdealer*, both published at Garnett.

*Schools, etc.*—Organized school districts, 65; school houses, 62; value of school buildings and grounds, furniture and apparatus, \$68,586. There is a monastery at Scipio, with college attached; a parochial school at the same place; two parochial schools at Emerald, and one at Garnett.

*Churches.*—Presbyterian: Organizations 5, membership 165, church edifices 2, valuation \$5,000. Baptist: Organizations 2, membership 100, church edifices 1, valuation \$2,000. United Presbyterian: Organizations 1, membership 170, church edifices 1, valuation \$3,000. Methodist: Organizations 16, membership, 670, church edifices 1, parsonages 1, valuation of both \$3,800. Episcopal: Membership 10. Catholic: Organizations 5, membership 970, church edifices 4, valuation \$10,000.

*Libraries.*—70 private libraries, containing 7,381 volumes, are reported in four townships.

*Lands.*—For unsold lands see accompanying map of this county.

*Miscellaneous.*—Produce of gardens marketed, \$1,124.50; value of poultry and eggs sold, \$4,006.00; number of pounds of wool produced, 5,152. Vacant lands are held at from \$3 to \$20 per acre.

## ATCHISON COUNTY.

Organized in 1855. Named in honor of David R. Atchison, who was a Senator from Missouri, and President of the United States Senate at the time of the passage of the act for the organization of Kansas Territory, and who was a zealous partizan leader in the discussions and movements affecting the interests of slavery and its proposed establishment in the new State to be formed. Square miles, 409. Population to square mile, 49.85. Population in 1860, 7,729; in 1870, 15,507. increase in ten years, 7,778; population in 1875, 20,187; increase in five years, 4,680; increase in fifteen years, 12,458.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.   | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|--------|-----------------------|-------|-----------------------|-------|
| City of Atchison..... | 10,927 | Centre.....           | 1,750 | Grasshopper.....      | 1,336 |
| Kapioma.....          | 889    | Lancaster.....        | 958   | Mount Pleasant.....   | 1,357 |
| Shannon.....          | 1,584  | Walnut.....           | 1,386 |                       |       |

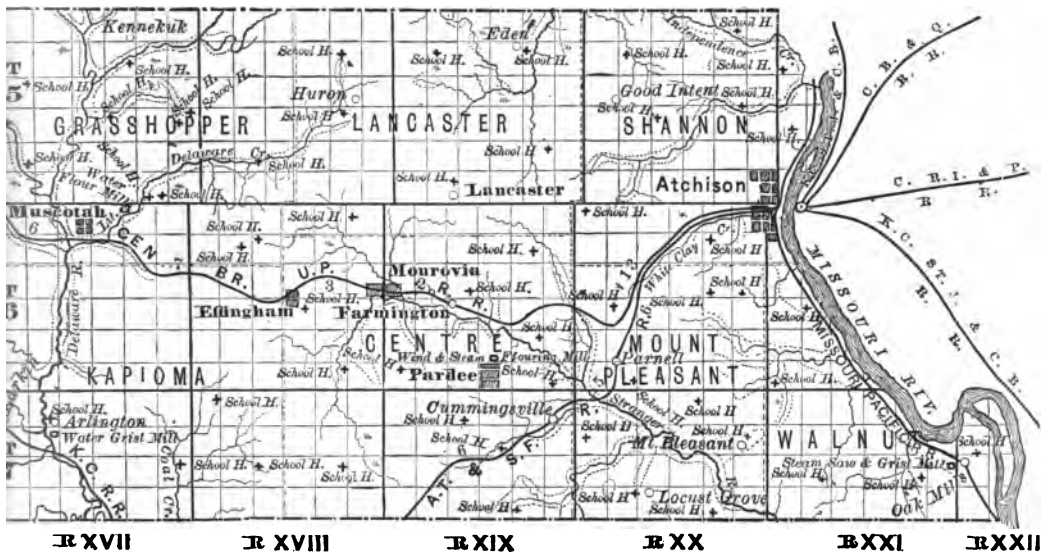
*Nativity.*—Born in the United States, 17,071; in Germany, 1,143; in Ireland, 893; in England and Wales, 435; in Scotland, 117; in Sweden, Norway and Denmark, 89; in France, 52; in North of Europe, 24; in South of Europe, 123; Italy, 1; in British America, 209; in countries not specified, 30.

*Sex.*—Males, 10,486; females, 9,701.

## WHERE FROM TO KANSAS.

|                    |       |                     |       |                            |     |
|--------------------|-------|---------------------|-------|----------------------------|-----|
| Alabama.....       | 29    | Michigan.....       | 269   | Texas.....                 | 46  |
| Arkansas.....      | 21    | Minnesota.....      | 89    | Vermont.....               | 48  |
| California.....    | 16    | Mississippi.....    | 60    | Virginia.....              | 252 |
| Colorado.....      | 10    | Missouri.....       | 4,097 | West Virginia.....         | 29  |
| Connecticut.....   | 22    | Nebraska.....       | 264   | Wisconsin.....             | 582 |
| Delaware.....      | 17    | Nevada.....         | 9     | Dist. of Columbia and the  |     |
| Florida.....       | 6     | New Hampshire.....  | 12    | Territories.....           | 39  |
| Georgia.....       | 29    | New Jersey.....     | 198   | Germany.....               | 409 |
| Illinois.....      | 2,095 | New York.....       | 864   | Ireland.....               | 136 |
| Indiana.....       | 541   | North Carolina..... | 20    | England and Wales.....     | 146 |
| Iowa.....          | 1,223 | Ohio.....           | 1,169 | Scotland.....              | 14  |
| Kentucky.....      | 461   | Oregon.....         | 1     | Sweden, Norway, Denmark    | 33  |
| Louisiana.....     | 29    | Pennsylvania.....   | 640   | France.....                | 21  |
| Maine.....         | 83    | Rhode Island.....   | 15    | Other North of Europe..... | 85  |
| Maryland.....      | 76    | South Carolina..... | 15    | Other South of Europe..... | 5   |
| Massachusetts..... | 131   | Tennessee.....      | 145   | British America.....       | 165 |

MAP OF ATCHISON COUNTY, KANSAS, 1875.



Born in Kansas, 5,474; not otherwise stated, 49.

*Occupation.*—There are 1,910, or 31.7 per cent. engaged in Agriculture; 2,081, or 34.5 per cent. in Professional and Personal services; 876, or 14.5 per cent. in Trade and Transportation; 1,155, or 19 per cent. in Manufactures and Mining.

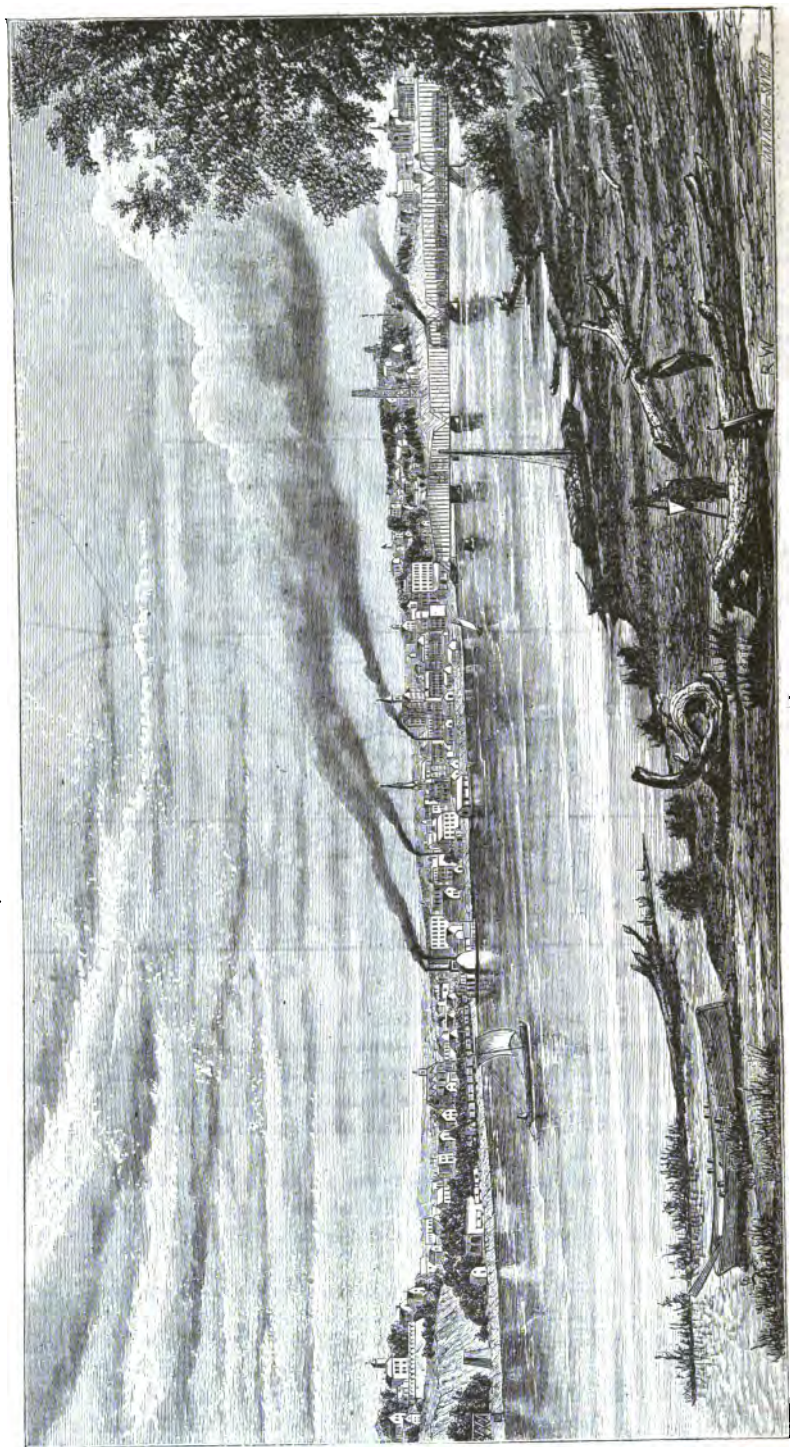
*County Seat.*—Atchison, the county seat, is 46 miles in an air line from Topeka, in a northeasterly direction.

*Face of the Country.*—Bottom lands, 15 per cent.; upland, 85 per cent.; forest 10 per cent.; prairie, 90 per cent. Average width of bottoms from one-fourth of a mile to two miles; general surface of the country undulating, with bluffs along the Missouri river.

*Timber.*—Average width of timber belts not given. Varieties: cottonwood, oak, walnut, elm, maple, sycamore, ash, basswood and hickory.

*Principal Streams.*—Independence creek runs east, and empties into the Missouri river; Delaware, south, and empties into the Kansas river; Little Delaware south, and empties into the Delaware; Deer creek, east, and empties into Independence creek; Walnut creek, east, and empties into the Missouri river;





VIEW OF ATCHISON, FROM THE EAST BANK OF THE MISSOURI RIVER,



Camp creek, Little Stranger and Big Stranger, southeast, and empty into the Kansas river. The county is well supplied with springs, and good well water is reached at a depth of from twenty to thirty feet.

*Coal.*—No considerable quantities of coal have yet been discovered.

*Building Stone, etc.*—Both sand and limestone abound in inexhaustible quantities; large quantities of yellow oxide of iron found in and around the city of Atchison; fire clay is found in several localities, but has not been developed; pottery clay is found in many places, both in the city and country.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad commences at Atchison, on the Missouri river, and runs through the county in a southwestern direction; the central branch of the Union Pacific Railroad runs through the county in a direction a little north of west; the extension of the Missouri Pacific reaches Atchison via the west bank of the Missouri river; and the Atchison & Nebraska Railroad, starting from Atchison, runs northward through the county; the Kansas City, St. Joseph & Council Bluffs Railroad follows the opposite bank of the river, with a station at Atchison; Atchison is also one of the termini of the Chicago, Rock Island & Pacific Railroad, and of the Hannibal & St. Joseph Railroad; and a splendid iron bridge is now being built across the Missouri at Atchison.

*Agricultural Statistics.*—Acres in the county, 271,360; taxable acres, 265,948; under cultivation, 101,118; cultivated to taxable acres, 38.02 per cent: increase of cultivated acres during the year, 58,120.

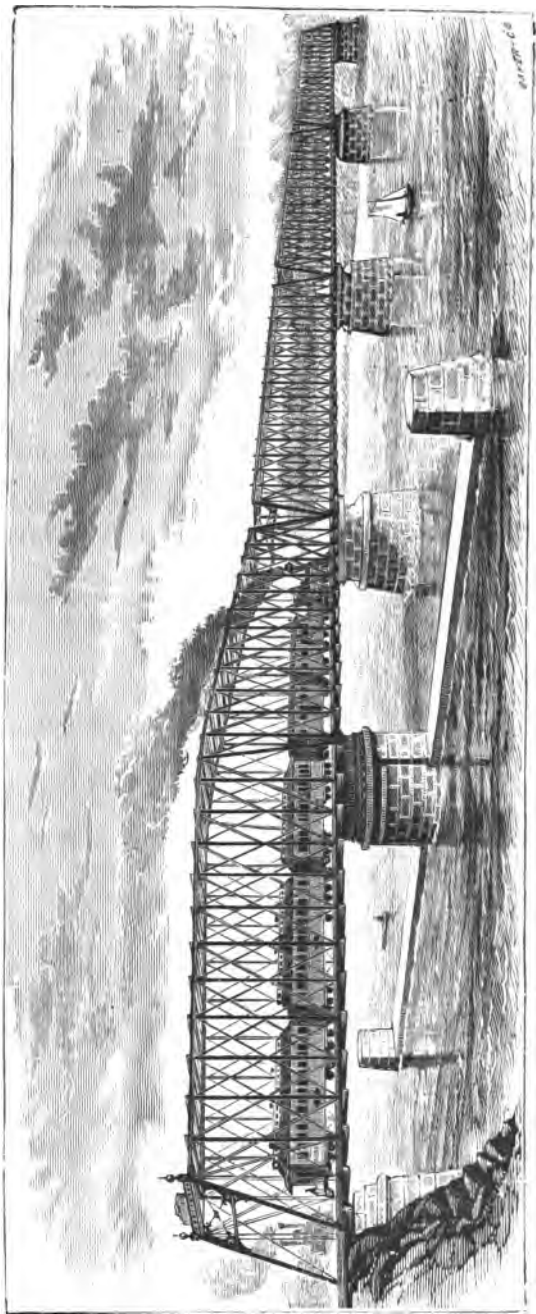
ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.       | AVERAGE YIELD. | PRODUCT.  | PRICE.  | VALUE OF PRODUCT. |
|----------------------------|----------------|----------------|-----------|---------|-------------------|
| Winter Wheat .....         | bu. 7,374.00   | 20.00          | 147,480   | \$ 1.02 | \$150,429.60      |
| Rye .....                  | bu. 1,183.00   | 20.00          | 23,676    | .58     | 12,732.08         |
| Spring Wheat .....         | bu. 508.20     | 10.00          | 5,082     | .80     | 4,065.60          |
| Corn .....                 | bu. 52,592.00  | 42.00          | 2,207,864 | .25     | 552,216.00        |
| Barley .....               | bu. 417.60     | 26.00          | 10,855    | 1.25    | 13,572.50         |
| Oats .....                 | bu. 8,451.20   | 35.00          | 295,792   | .28     | 82,821.76         |
| Buckwheat .....            | bu. 156.00     | 14.00          | 2,184     | .95     | 2,074.80          |
| Potatoes, Irish .....      | bu. 1,051.00   | 90.00          | 94,590    | .30     | 28,377.00         |
| Sweet Potatoes .....       | bu. 35.00      | 160.00         | 5,600     | .95     | 5,320.00          |
| Sorghum .....              | gall. 285.00   | 110.00         | 31,350    | .50     | 15,675.00         |
| Castor Beans .....         | bu. 44.00      | 15.00          | 660       | 1.12    | 739.20            |
| Flax .....                 | bu. 1,628.00   | 10.00          | 16,280    | 1.10    | 17,908.00         |
| Hemp .....                 | lbs. 56.00     | 800.00         | 44,800    | .68     | 30,464.00         |
| Tobacco .....              | lbs. 41.00     | 700.00         | 28,700    | .09     | 2,583.00          |
| Broom Corn .....           | lbs. 173.00    | 600.00         | 103,800   | .08     | 11,072.00         |
| Millet and Hungarian ..... | tons 898.00    | 2.62           | 2,340     | 5.00    | 11,700.00         |
| Timothy .....              | tons 1,072.80  | 1.00           | 1,073     | 6.00    | 6,438.00          |
| Clover .....               | tons 116.40    | 8.00           | 949       | 5.50    | 1,919.50          |
| Prairie .....              | tons 12,896.00 | 1.50           | 19,344    | 3.75    | 72,540.00         |

*Dairy Products.*—Cheese manufactured in 1870, 15,957 lbs.; in 1875, 6,350 lbs.: decrease, 9,607 lbs. Butter manufactured in 1870, 194,894 lbs.; in 1875, 179,487 lbs.: decrease, 15,407 lbs.

*Farm Animals.*—Number of horses, in 1870, 3,793; in 1875, 4,341: increase, 548. Mules and asses, in 1870, 618; in 1875, 675: increase, 57. Cattle, in 1870, 10,002; in 1875, 13,555: increase, 3,553. Sheep, in 1870, 1,084; in 1875, 905: decrease, 179. Swine, in 1870, 9,514; in 1875, 9,210: decrease, 304.

*Dogs.*—Number of dogs in the county, 1,375; number of sheep killed by dogs, 59; value of sheep killed by dogs, \$137.47. Number of sheep killed by wolves, 21; value of sheep killed by wolves, \$48.93.



BRIDGE OVER THE MISSOURI RIVER, AT ATCHISON, KANSAS.

*Horticulture.*—Acres of nurseries, 57; orchards, 2,500; vineyards, 116.

*Apiculture.*—Number of stands of bees, 505; pounds of honey, 3,874; wax, 87.

*Fences.*—Stone, 19,021 rods; cost, \$42,797.25. Rail, 86,519 rods; cost, \$108,148.75. Board, 196,035 rods; cost, \$274,449.00. Wire, 30,100 rods; cost, \$21,070.00. Hedge, 135,988 rods; cost, \$67,994.00. Total rods of fence, 467,663; total cost, \$514,459.00.

*Water Powers.*—There are good water powers on the Grasshopper, which have been utilized to some extent.

*Manufactures.*—Grasshopper township, one water-power flouring and grist mill; capital \$2,000. Walnut township, saw and grist mill. Kapioma township, two water-power flouring and grist mills. Centre township, two wind-power flouring mills. Effingham, cheese factory. City of Atchison, three steam flouring mills, capital \$110,000; one steam saw mill, capital \$70,000; four steam furniture manufactories, one iron and brass foundry, one steam saw mill, three cigar manufactories, two breweries, three wagon and carriage factories, two manufactories of wagons, plows, and agricultural implements; one cracker bakery, one candy factory, one steam stone-dressing factory, one lime kiln, two soda water manufactories, two brick manufactories, a soap factory, two railroad machine shops, and grain elevator.

*Banks.*—National Banks: First National, of Atchison, capital \$100,000; the Atchison National Bank, capital \$100,000. Banks other than National: German Savings Bank, of Atchison; the Atchison Savings Bank, of Atchison; Hetherington's Exchange Bank, of Atchison. The capital employed in the banks other than National is, in the aggregate, \$137,000.

*Business Houses of Principal Town.*—City of Atchison: Agricultural implements and wagons, 5; books, periodicals and stationery, 4; boots and shoes, 8; clothing and tailoring, 10; confectionery, 5; carriage depositories, 2; dry goods, 7; drugs, oils and paints, 5; furniture and upholstery, 5; groceries, 20; gunsmiths, 2; hardware, 3; hats and caps, 6; jewelry, clocks, watches, etc., 4; lumber, 7; music and musical instruments, 1; millinery, 2; queensware, 1; saddles and harness, 3; sewing machines, 5; commission merchants, 3; grain dealers, 3.

*Newspapers.*—The *Champion*, *Patriot* and *Courier* (German), all daily and weekly, published at Atchison. The *Daily Champion*, of Sunday, June 13, 1875, appeared on the first paper manufactured in Kansas; manufactured at Blue Rapids.

*Schools, etc.*—Organized school districts, 67; school houses, 71; value of school buildings and grounds, furniture and apparatus, \$192,000; St. Benedict College, in charge of the Benedictine Fathers; an academy for young ladies, under the patronage of the Benedictine Sisters; and a large parochial school, under Catholic auspices.

*Churches.*—Presbyterian: Organizations 4, membership 320, church edifices 2, valuation \$19,000. Congregational: Organizations 3, membership 177, church edifices 2, valuation \$15,000. Baptist: Organizations 8, membership 607, church edifices 3, valuation \$10,000. Methodist: Organizations 7, membership 460, church edifices 3, parsonages 2, valuation of buildings \$28,600. Episcopal: Organizations 1, membership 70, church edifices 1, valuation \$22,000. Catholic: Organizations 2, membership 1,300, church edifices 2, valuation \$50,000. Lutheran: Organizations 3, membership 75, church edifices 1, valuation \$10,000.

*Libraries.*—Public School Library; Firth Public Library, and Odd Fellows Library.

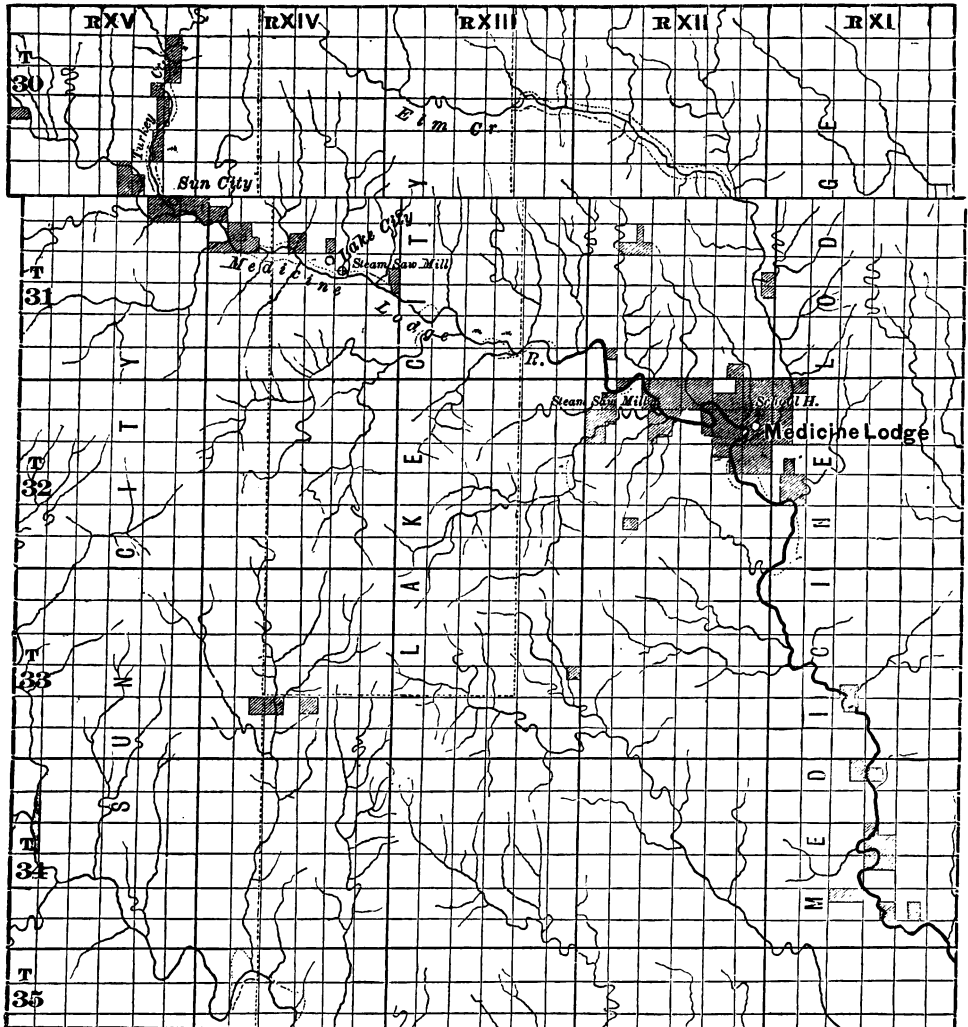
*Lands.*—The unsold lands in this county, aggregating 9,300.43 acres, belong to the Central Branch of the Union Pacific Railway. They are not indicated on the map of the county for the reason that the description was not furnished this office in time. These lands are located in one of the best improved counties in the State.

*Miscellaneous.*—Produce of gardens marketed, \$11,344.00; poultry and eggs sold during the year, \$7,857.00; number of pounds of wool produced, 2,655. Prices of unoccupied lands range from \$3 to \$10 per acre.

### BARBOUR COUNTY.

Organized in 1873. Named in honor of Thomas W. Barbour, a Free State settler in Douglas county, who was killed, by reason of the political troubles, near Lawrence, December 6th, 1855. Square miles, 1,134. Population to square mile, .32. Population in 1875, 366.

MAP OF BARBOUR COUNTY, KANSAS, 1875.



□ Government Lands

■ Settled Lands

HAND, McNALLY & CO., CHICAGO.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Lake City.....        | 111  | Medicine Lodge.....   | 126  | Sun City.....         | 129  |

*Nativity.*—Born in the United States, 349 ; in Germany, 9 ; in South of Europe, 1 ; in British America, 7.

*Sex.*—Males, 198 ; females, 168.

## WHERE FROM TO KANSAS.

|                    |    |                   |    |                                            |   |
|--------------------|----|-------------------|----|--------------------------------------------|---|
| Colorado.....      | 2  | Minnesota.....    | 1  | Vermont.....                               | 2 |
| Illinois.....      | 34 | Missouri.....     | 98 | West Virginia.....                         | 4 |
| Indiana.....       | 36 | Nebraska.....     | 1  | Wisconsin.....                             | 4 |
| Iowa.....          | 41 | New York.....     | 3  | Dist. of Columbia and the Territories..... | 1 |
| Kentucky.....      | 60 | Ohio.....         | 7  | England and Wales.....                     | 7 |
| Massachusetts..... | 1  | Pennsylvania..... | 3  | British America.....                       | 5 |
| Michigan.....      | 1  | Texas.....        | 2  |                                            |   |

Born in Kansas, 51 ; not otherwise stated, 2.

*Occupation.*—There are 98, or 84.4 per cent., engaged in Agriculture ; 6, or 5.1 per cent., in Professional and Personal service ; 5, or 4.3 per cent., in Trade and Transportation ; 7, or 5 per cent., in Manufactures and Mining.

*County Seat.*—Medicine Lodge, the county seat, is 198 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 10 per cent. ; upland, 90 per cent. ; forest, 1 per cent. ; prairie, 99 per cent. Average width of bottoms, one mile. General surface of the country (western half), bluff, with narrow bottoms along streams ; eastern half level, or gently undulating.

*Timber.*—Confined to scattering groves along the streams. Varieties: cottonwood, red cedar, white elm, hackberry, ash, walnut, etc.

*Principal Streams.*—Medicine Lodge river, Elm and Mule creeks flow southeast into the Cimmaron, and thence into the Arkansas. The county is well supplied with springs ; well water obtained at a depth of from 10 to 50 feet.

*Coal, etc.*—No coal has been discovered. Immense quantities of gypsum are found southwest of the Medicine Lodge river ; the beds extend over one-fourth of the area of the county.

*Railroad Connections.*—There are no railroads in this county.

*Agricultural Statistics.*—Acres in the county, 725,760 ; taxable acres, 2,920 ; under cultivation, 1,411 ; cultivated to taxable acres, 43.32 per cent. : increase of cultivated acres during the year, 1,411.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 45.00    | 16.00          | 720      | \$ .80 | \$ 576.00         |
| Rye.....bu.                   | 2.00     | 16.00          | 32       | .40    | 12.80             |
| Spring Wheat.....bu.          | 8.00     | 9.00           | 72       | .60    | 43.20             |
| Corn.....bu.                  | 837.00   | 35.00          | 29,295   | .23    | 6,737.85          |
| Barley.....bu.                | 2.00     | 16.00          | 32       | 1.20   | 38.40             |
| Oats.....bu.                  | 80.50    | 20.00          | 1,610    | .30    | 483.00            |
| Potatoes, Irish.....bu.       | 24.50    | 70.00          | 1,715    | .35    | 600.25            |
| Sorghum.....gall.             | 27.00    | 90.00          | 2,430    | .40    | 972.00            |
| Castor Beans.....bu.          | 1.50     | 12.00          | 18       | 1.00   | 18.00             |
| Millet and Hungarian.....tons | 21.50    | 2.25           | 48       | 7.00   | 336.00            |

*Dairy Products.*—Butter manufactured in 1875, 255 lbs.

*Farm Animals.*—Number of horses, in 1875, 155. Mules and asses, in 1875, 26. Cattle, in 1875, 3,699. Sheep, in 1875, 22. Swine, in 1875, 21.

*Dogs.*—Number of dogs in the county, 13.

*Fences.*—Rail, 5,305 rods; cost, \$7,692.25. Board, 633 rods; cost, \$886.20. Wire, 600 rods; cost, \$480. Total rods of fence, 6,538; total cost, \$9,058.45.

*Manufactures.*—Two saw mills.

*Banks.*—None in the county.

*Newspapers.*—None in the county.

*Schools, etc.*—There are 12 organized school districts in the county, and one building, valued at \$911.

*Churches.*—Catholic: Organizations 1, membership 300.

*Libraries.*—No returns.

*Lands.*—All the unoccupied land in this county belongs to the Government, as is so shown on the map of the county.

*Miscellaneous.*—The vacant lands consist, mainly, of the Osage trust lands, which are held at \$1.25 per acre.

## BARTON COUNTY.

Organized in 1872. Named in honor of Miss Clara Barton, of Massachusetts, who won great distinction during the war for the Union, for remarkably effective philanthropic services in the sanitary department of the army. Square miles, 1,332. Population to square mile, 1.57. Population in 1870, 2; population in 1875, 2,099: increase in five years, 2,097.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Buffalo.....          | 640  | Great Bend.....       | 914  | Lakin.....            | 545  |

*Nativity*—Born in the United States, 1,642; in Germany, 181; in Ireland, 30; in England and Wales, 44; in Scotland, 10; in France, 2; in Italy, 2; in South of Europe, 158; in British America, 17; in countries not specified, 13.

*Sex.*—Males, 1,135; females, 964.

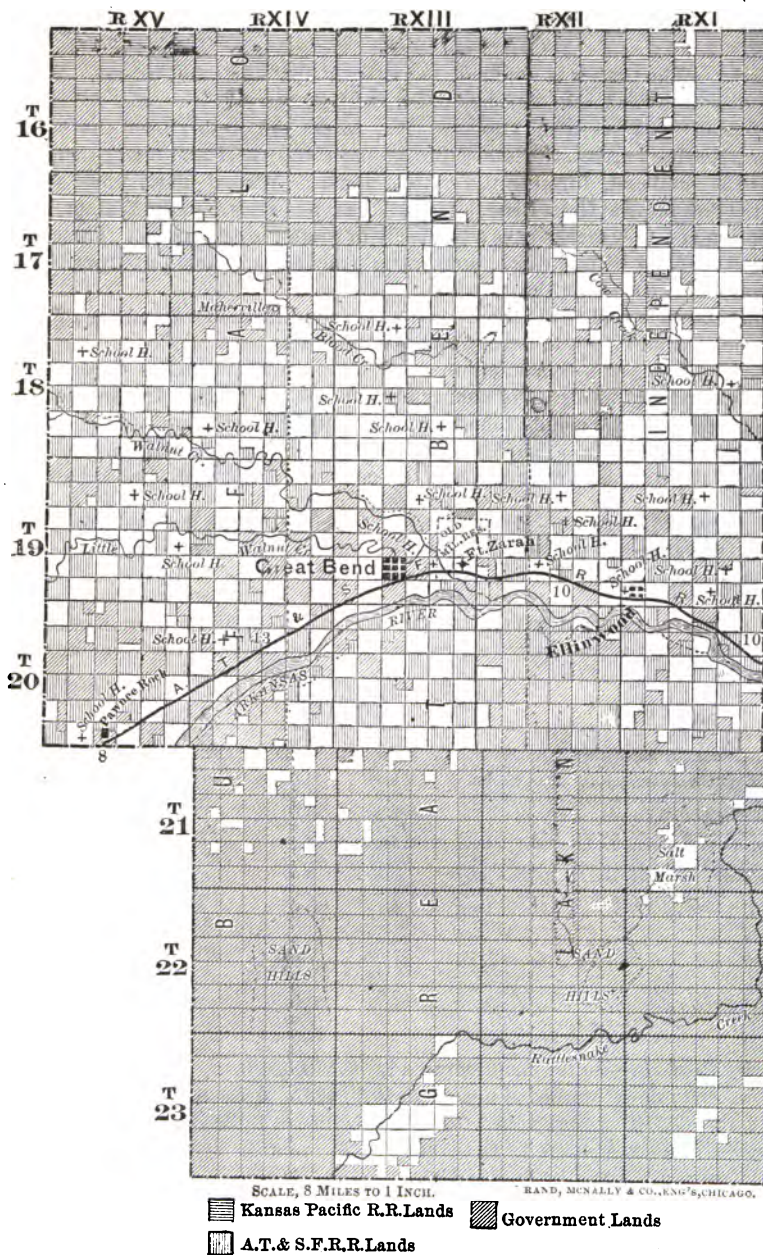
### WHERE FROM TO KANSAS.

|                    |     |                   |     |                                            |     |
|--------------------|-----|-------------------|-----|--------------------------------------------|-----|
| Arkansas.....      | 1   | Michigan.....     | 59  | Vermont.....                               | 7   |
| California.....    | 1   | Minnesota.....    | 19  | Virginia.....                              | 1   |
| Colorado.....      | 9   | Mississippi.....  | 2   | West Virginia.....                         | 1   |
| Connecticut.....   | 11  | Missouri.....     | 234 | Wisconsin.....                             | 90  |
| Illinois.....      | 539 | Nebraska.....     | 31  | Dist. of Columbia and the Territories..... | 2   |
| Indiana.....       | 88  | New Jersey.....   | 2   | Germany.....                               | 18  |
| Iowa.....          | 256 | New York.....     | 147 | Ireland.....                               | 1   |
| Kentucky.....      | 30  | Ohio.....         | 141 | England and Wales.....                     | 7   |
| Louisiana.....     | 1   | Oregon.....       | 1   | Scotland.....                              | 1   |
| Maine.....         | 1   | Pennsylvania..... | 49  | Other South of Europe.....                 | 139 |
| Maryland.....      | 2   | Tennessee.....    | 17  | British America.....                       | 5   |
| Massachusetts..... | 2   | Texas.....        | 11  |                                            |     |

Born in Kansas, 159; not otherwise stated, 14.

*Occupation.*—There are 559, or 83.8 per cent., engaged in Agriculture; 35, or 5.2 per cent., in Professional and Personal service; 51, or 7.6 per cent., in Trade and Transportation; 22, or 3.2 per cent., in Manufactures and Mining.

MAP OF BARTON COUNTY, KANSAS, 1875.



*County Seat.*—Great Bend, the county seat, is 174 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom lands, 40 per cent.; upland, 60 per cent.; forest, 1

per cent.; prairie, 99 per cent. Average width of bottoms—Arkansas river, 7 miles; creeks, two miles. General surface of the country—bottoms, level; uplands, undulating.

*Timber.*—The timber is confined to narrow strips along the streams. Varieties: walnut, cottonwood, ash, elm, box elder and hackberry.

*Principal Streams.*—The Arkansas river enters the county near the southwest corner, bearing northeast to the centre of the county east and west; thence bears off to the southeast, forming the "Great Bend;" Walnut creek flows southeast into the Arkansas at Great Bend. Little Walnut flows east into the Walnut. Blood, Deception and Cow creeks have a southerly or southwesterly course. The county is not well supplied with springs; well water reached at a depth of from 10 feet on the bottoms to 60 feet on the uplands.

*Coal.*—Surface coal of the lignite variety is found in the north part of the county, in a vein of from fifteen to twenty inches in thickness.

*Building Stone, etc.*—Sandstone in great abundance four miles north of Great Bend, extending through the county in that line of bluffs. In the western and northern parts of the county limestone of good quality is found.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad follows the course of the Arkansas river through the county. Stations, Ellinwood and Great Bend.

*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 215,198; under cultivation, 13,161.93; cultivated to taxable acres, 6.11 per cent.: increase of cultivated acres during the year, 7,127.98.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 3,101.66 | 16.00          | 49,626   | \$ .98 | \$ 48,633.48      |
| Rye.....bu.                   | 322.00   | 14.00          | 4,508    | .60    | 2,704.80          |
| Spring Wheat.....bu.          | 1,108.00 | 10.00          | 11,080   | .80    | 8,864.00          |
| Corn.....bu.                  | 6,192.00 | 35.00          | 216,720  | .25    | 54,180.00         |
| Barley.....bu.                | 571.25   | 18.00          | 10,282   | 1.20   | 12,338.40         |
| Oats.....bu.                  | 1,536.25 | 21.00          | 32,261   | .25    | 9,065.25          |
| Buckwheat.....bu.             | 8.50     | 12.00          | 102      | 1.00   | 102.00            |
| Potatoes, Irish.....bu.       | 152.33   | 75.00          | 11,425   | .35    | 3,998.75          |
| Sweet Potatoes.....bu.        | 4.74     | 120.00         | 569      | 1.25   | 711.25            |
| Sorghum.....gall.             | 53.75    | 95.00          | 5,106    | .45    | 2,297.70          |
| Castor Beans.....bu.          | 14.00    | 14.00          | 196      | 1.00   | 196.00            |
| Flax.....bu.                  | 17.50    | 7.00           | 122      | 1.00   | 122.00            |
| Hemp.....lbs.                 | 1.00     | 400.00         | 400      | .55    | 220.00            |
| Tobacco.....lbs.              | 1.00     | 300.00         | 300      | .07    | 21.00             |
| Broom Corn.....lbs.           | 36.75    | 550.00         | 20,212   | .05    | 1,010.60          |
| Millet and Hungarian.....tons | 41.25    | 2.25           | 93       | 8.00   | 744.00            |

*Dairy Products.*—Butter manufactured in 1875, 4,520 lbs.

*Farm Animals.*—Number of horses, in 1875, 426. Mules and asses, in 1875, 106. Cattle, in 1875, 841. Sheep, in 1875, 552. Swine, in 1875, 152.

*Dogs.*—Number of dogs in the county, 156; number of sheep killed by dogs, 3; value of sheep killed by dogs, \$6.99.

*Horticulture.*—Acres of nurseries, 2.25; orchards, 61.12; vineyards, 5.08.

*Apiaculture.*—Number of stands of bees, 2.

*Fences.*—Rail, 240 rods; cost, \$336. Hedge, 1,940 rods; cost, \$573. Total rods of fence, 2,180; total cost, \$1,209.

*Water Powers.*—Walnut creek furnishes power, which has not been utilized.

*Manufactures.*—No report received.



*Banks.*—Barton County Savings Bank, Great Bend.

*Newspaper.*—The *Great Bend Register*, published weekly, at Great Bend.

*Schools, etc.*—Organized school districts, 31; school houses, 22; value of school buildings and grounds, furniture, etc., \$23,920.

*Churches.*—Presbyterian: Organizations 1, membership 30. Congregational: Organizations 1, membership 72. Baptist: Organizations 2, membership 50. Methodist: Organizations 4, membership 40. Catholic: Organizations 2, membership 250.

*Libraries.*—No returns.

*Lands.*—The unsold lands in this county are designated on the map of the county.

*Miscellaneous.*—Product of gardens marketed, \$274; poultry and eggs sold during the year, \$458.50. Prices of unoccupied lands range from \$1.25 to \$10 per acre.

### BOURBON COUNTY.

Organized in 1855. Received its name from that of Bourbon county, Kentucky; the latter being one of nine counties organized in 1785 by the Virginia Legislature, before Kentucky became an independent State. It was named in compliment to the Bourbon family of France; a Prince of that family, then upon the throne, having rendered the American colonies most important aid, in men and money, in the great struggle for independence. Square miles, 637; population to square mile, 26.41. Population in 1860, 6,101; in 1870, 15,076: increase in ten years, 8,975; population in 1875, 16,829: increase in five years, 1,753; increase in fifteen years, 10,728.

#### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES.   | POP.  |
|-----------------------|-------|-----------------------|-------|-------------------------|-------|
| Drywood.....          | 1,583 | Franklin.....         | 1,242 | Freedom.....            | 884   |
| Marion.....           | 1,418 | Marmaton.....         | 874   | Mill Creek.....         | 657   |
| Osage.....            | 1,086 | Pawnee.....           | 715   | City of Fort Scott..... | 4,572 |
| Scott.....            | 2,334 | Timber Hill.....      | 1,058 | Walnut.....             | 456   |

*Nativity.*—Born in the United States, 15,694; in Germany, 342; in Ireland, 232; in England and Wales, 225; in Scotland, 48; in Sweden, Norway and Denmark, 92; in France, 19; North of Europe, 6; Italy 2; South of Europe, 24; in British America, 137; in countries not specified, 8.

*Sex.*—Males, 8,835; females, 7,994.

#### WHERE FROM TO KANSAS.

|                    |       |                     |       |                            |     |
|--------------------|-------|---------------------|-------|----------------------------|-----|
| Arkansas.....      | 340   | Mississippi.....    | 15    | Virginia.....              | 126 |
| California.....    | 23    | Missouri.....       | 3,153 | West Virginia.....         | 26  |
| Colorado.....      | 16    | Nebraska.....       | 46    | Wisconsin.....             | 314 |
| Connecticut.....   | 4     | Nevada.....         | 1     | Dist. of Columbia and the  |     |
| Delaware.....      | 1     | New Hampshire.....  | 1     | Territories.....           | 150 |
| Georgia.....       | 26    | New Jersey.....     | 8     | Germany.....               | 90  |
| Illinois.....      | 3,445 | New York.....       | 272   | Ireland.....               | 29  |
| Indiana.....       | 1,049 | North Carolina..... | 18    | England and Wales.....     | 72  |
| Iowa.....          | 848   | Ohio.....           | 897   | Scotland.....              | 4   |
| Kentucky.....      | 226   | Oregon.....         | 6     | Sweden, Norway and Den-    |     |
| Louisiana.....     | 18    | Pennsylvania.....   | 352   | mark.....                  | 38  |
| Maine.....         | 10    | Rhode Island.....   | 4     | France.....                | 3   |
| Maryland.....      | 13    | South Carolina..... | 5     | Other North of Europe..... | 2   |
| Massachusetts..... | 54    | Tennessee.....      | 120   | Italy.....                 | 1   |
| Michigan.....      | 221   | Texas.....          | 171   | Other South of Europe..... | 1   |
| Minnesota.....     | 46    | Vermont.....        | 19    | British America.....       | 64  |

Born in Kansas, 4,207; not otherwise stated, 274.

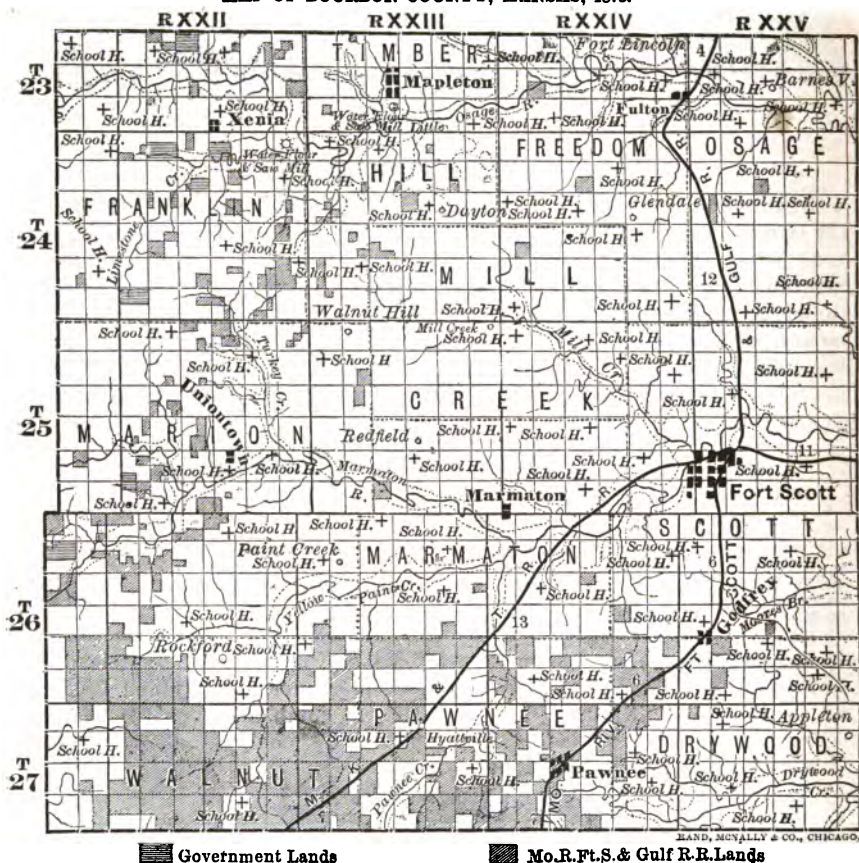
*Occupation.*—There are 2,516, or 54.9 per cent., engaged in Agriculture; 838, or

18.2 per cent., in Professional and Personal service; 542, or 11.8 per cent., in Trade and Transportation; 686, or 14.9 per cent., in Manufactures and Mining.

*County Seat.*—Fort Scott, the county seat, is 100 miles in an air line from Topeka, in a southeasterly direction.

*Face of the Country.*—Bottom lands 17 per cent.; upland 83 per cent.; forest 10 per cent.; prairie, 90 per cent. Average width of bottoms, one mile; general surface of the country undulating.

MAP OF BOURBON COUNTY, KANSAS, 1875.



*Timber.*—Average width of timber belts, one-half mile. Principal varieties: hickory, walnut, oak, hackberry and pecan.

*Principal Streams.*—Osage river, flows along the northern boundary from west to east. Limestone creek, a tributary of the Osage, in the northwestern part of the county, flows northwest. Marmaton river, runs through the centre of the county from west to east; tributaries on the north, Mill, Wolverine and Shiloh creeks; on the south, Yellow Paint, Pawnee, Rock and Moore's Branch creeks. Drywood, on the south line of the county, with Walnut creek flowing into it from the north. Numerous springs are found, and good well water is obtained at a depth of from 5 to 25 feet.

*Coal.*—Geo. A. Crawford, and B. P. McDonald, of Fort Scott, report that one-

third of the county, or ten miles east and west by twenty-five miles north and south, contains coal from one foot to fifty feet below the surface, and in veins from one and one-half to three feet in thickness. About 150,000 tons have been mined during the past year. Value at the mine, or delivered on car, about \$1.90 per ton. It is of two qualities: red or rusty bituminous or surface coal, and black or gas coal, also bituminous.

*Building Stone, etc.*—Lime and sandstone of good quality is found in all localities. Traces of lead have been discovered. An excellent quality of hydraulic cement and of mineral paint is found at and near Fort Scott. Fire clay is plenty, also pottery clay in some localities.

*Railroad Connections.*—The Missouri River, Fort Scott & Gulf Railroad enters the county on the north, midway between the centre and northeastern corner, and runs south entirely through the county. Principal stations, Fort Scott, Godfrey and Pawnee. The Missouri, Kansas & Texas Railroad crosses the centre of the eastern boundary of the county, and runs across the county in a southwesterly direction. Principal station, Fort Scott, where connection is made with the Missouri River, Fort Scott & Gulf Railroad.

*Agricultural Statistics.*—Acres in the county, 407,680; taxable acres, 392,802; 147,689.08; cultivated to taxable acres, 37.52 per cent.: increase of cultivated acres during the year, 48,175.08

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 2,329.60  | 15.00          | 32,444    | \$ .97 | \$ 31,470.68      |
| Rye.....bu.                   | 134.60    | 18.00          | 2,413     | .60    | 1,447.20          |
| Corn.....bu.                  | 65,662.00 | 41.00          | 2,692,142 | .24    | 646,114.08        |
| Barley.....bu.                | 15.00     | 24.00          | 360       | 1.25   | 450.00            |
| Oats.....bu.                  | 6,914.00  | 32.00          | 221,248   | .29    | 64,161.92         |
| Buckwheat.....bu.             | 83.00     | 18.00          | 1,494     | .95    | 1,418.40          |
| Potatoes, Irish.....bu.       | 975.45    | 80.00          | 78,036    | .30    | 23,410.80         |
| Sweet Potatoes.....bu.        | 62.62     | 150.00         | 9,543     | 1.25   | 11,928.75         |
| Sorghum.....gall.             | 610.00    | 100.00         | 61,000    | .50    | 30,500.00         |
| Castor Beans.....bu.          | 2,104.00  | 15.00          | 31,560    | 1.15   | 36,294.00         |
| Cotton.....bs.                | 6.00      | 175.00         | 1,050     | .10    | 105.00            |
| Flax.....bu.                  | 2,103.00  | 7.00           | 14,721    | 1.00   | 14,721.00         |
| Hemp.....bs.                  | 25.00     | 700.00         | 175       | .65    | 113.75            |
| Tobacco.....bs.               | 6.91      | 500.00         | 3,455     | .08    | 276.40            |
| Broom Corn.....bs.            | 194.00    | 700.00         | 135,800   | .05    | 6,790.00          |
| Millet and Hungarian.....tons | 1,640.00  | 2.37           | 3,887     | 4.00   | 15,548.00         |
| Timothy.....tons              | 875.00    | 1.00           | 875       | 5.00   | 4,375.00          |
| Clover.....tons               | 160.25    | 2.50           | 401       | 5.00   | 2,005.00          |
| Prairie.....tons              | 37,895.00 | 1.50           | 56,842    | 3.50   | 198,947.00        |

*Dairy Products.*—Cheese manufactured in 1870, 8,425 lbs.; in 1875, 4,100 lbs.: decrease, 4,325 lbs. Butter manufactured in 1870, 255,218 lbs.; in 1875, 256,942 lbs.: increase, 1,725 lbs.

*Farm Animals.*—Number of horses, in 1870, 5,523; in 1875, 5,585: increase, 162. Mules and asses, in 1870, 562; in 1875, 755: increase, 193. Cattle, in 1870, 15,354; in 1875, 20,315: increase, 4,961. Sheep, in 1870, 4,302; in 1875, 2,867: decrease, 1,435. Swine, in 1870, 6,867; in 1875, 6,324: decrease, 543.

*Dogs.*—Number of dogs in the county, 2,202; number of sheep killed by dogs, 271; value of sheep killed by dogs, \$631.43. Number of sheep killed by wolves, 89; value of sheep killed by wolves, \$207.37.

*Horticulture.*—Acres of nurseries, 95.75; orchards, 4,687.75 vineyards, 84.95.

*Apiaculture.*—Number of stands of bees, 501. Pounds of honey, 966; wax, 73.

*Fences.*—Stone, 46,470 rods; cost, \$98,748.75. Rail, 394,119 rods; cost, \$512,354.70. Board, 24,699 rods; cost, \$39,518.40. Wire, 46,500 rods; cost, \$31,867.50. Hedge, 242,256 rods; cost, \$145,353.60. Total rods of fence, 754,044; total cost, \$827,362.95.

*Water Powers.*—There are no water powers in the county utilized.

*Manufactures.*—Freedom Township, steam saw and flouring mill, capital \$6,500. Timber Hill township, steam grist and saw mill, capital, \$2,000. Scott Township, steam flouring mill, capital \$30,000. Franklin township, saw mill; at Xenia one flouring mill. In Marion township, two steam saw mills, and one water power flour mill and saw mill. City of Fort Scott, brewery (steam), capital \$6,000; wagon and carriage factory, capital \$2,000; steam flouring mill, capital \$50,000; steam paint and cement works, capital \$20,000; steam planing mill and cabinet works, capital \$10,000; marble works, capital \$2,000; two cabinet factories; steam flouring mill and elevator, capital \$80,000; steam foundry and machine shops, capital \$35,000; fire pressed and building brick manufactory, capital \$15,000; steam castor oil works, capital \$12,000; cabinet factory, capital \$2,000; steam woolen mill, capital \$6,000; carriage factory, capital \$10,000; steam flouring mill, capital \$40,000; brewery, capital \$15,000; soap factory, capital \$1,000; four cigar and one tobacco manufactories; an establishment for the manufacture of agricultural implements has recently been put in operation by the State Grange; one steam flouring mill; a pipe, drain and tile factory; planing mill and barrel factory; at Cato, one flour mill and a saw mill.

*Banks.*—First National Bank of Fort Scott, capital \$100,000; Merchants' National Bank, capital \$150,000.

*Business Houses of Principal Town.*—City of Fort Scott: Agricultural implements and wagons, 4; books, periodicals and stationery, 2; boots and shoes, 3; clothing and tailoring, 8; confectionery, 5; carriage depository, 1; dry goods, 7; drugs, oils and paints, 6; furniture and upholstery, 3; groceries, 25; gunsmiths, 2; hardware, 5; hats and caps, 6; jewelry, clocks, watches, etc., 4; woolen factory (steam), 1; lumber, 2; music and musical instruments, 3; millinery, 6; Queensware, 4; saddles and harness, 3; sewing machines, 3.

*Newspapers.*—The following papers are published: *Fort Scott Monitor*, daily and weekly, at Fort Scott; the *Pioneer*, weekly, at Fort Scott.

*Schools, etc.*—Organized school districts, 87; school houses, 86; value of school buildings and grounds, furniture and apparatus, \$63,216; school for young ladies, under the patronage of the Catholic church.

*Churches.*—Presbyterian: Organizations 4, membership 220, church edifices, 1; valuation \$4,000. Congregational: Organizations 1, membership 109, church edifices 1, valuation \$17,500. Baptist: Organizations 6, membership 350, church edifices 2, valuation \$14,000. Methodist: Organizations 33, membership 892, church edifices 1, valuation \$5,000. Episcopal: Organizations 1, membership 60, church edifices 1, valuation \$10,000. Catholic: Organizations 3, membership 580, church edifices 3, valuation \$10,000. Universalist: Organizations 1, membership 23.

*Libraries.*—In seven townships in this county there are reported one public and 87 private libraries, containing 13,687 volumes.

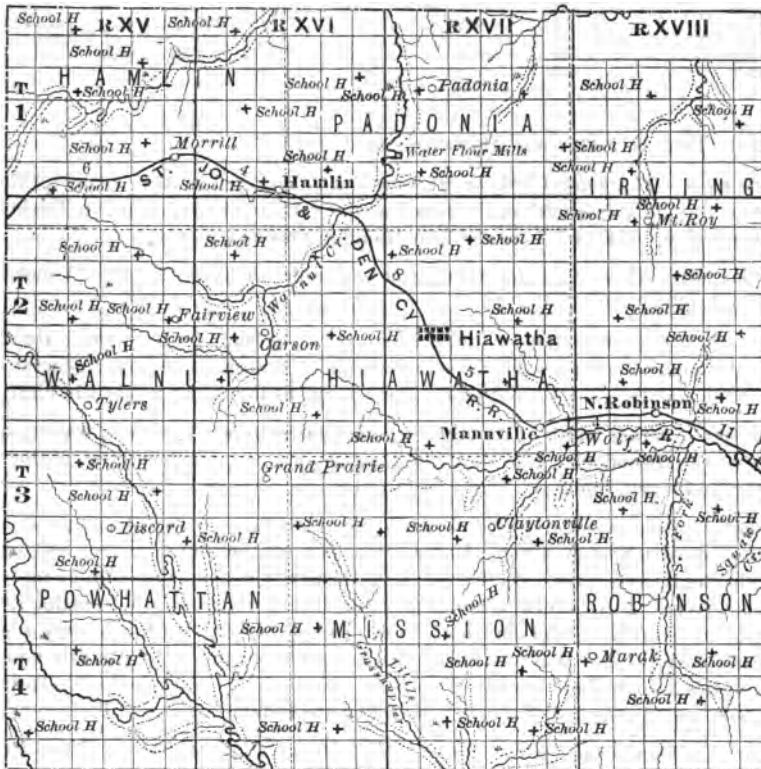
*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$6,268; poultry and eggs sold during the year, \$5,843; number of pounds of wool produced, 6,806. Vacant lands are sold at from \$3 to \$12 per acre.

## BROWN COUNTY.

Organized in 1855. Named in honor of Albert G. Brown, of Mississippi, who had been a Member of Congress, and Governor of that State, and was a United States Senator at the time of the passage of the act organizing Kansas Territory. In 1859 he was re-elected for six years, but withdrew with Jefferson Davis at the opening of the war in 1861. Square miles, 507. Population to square mile, 15.50 Population in 1860, 2,067; in 1870, 6,823: increase in ten years, 4,756; population in 1875, 8,923: increase in five years, 2,105: increase in fifteen years, 6,861.

MAP OF BROWN COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES.  | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|------------------------|-------|-----------------------|-------|
| Hamlin .....          | 841   | City of Hiawatha ..... | 713   | Hiawatha .....        | 1,085 |
| Irving .....          | 1,123 | Mission .....          | 1,300 | Padonia .....         | 800   |
| Powhattan .....       | 912   | Robinson .....         | 1,362 | Walnut .....          | 798   |

*Nativity.*—Born in the United States, 7,918; in Germany, 309; in Ireland, 84; in England and Wales, 215; in Scotland, 30; in Sweden, Norway and Denmark, 98;

in France, 26; in North of Europe, 3; in Italy, 9; in South of Europe, 90; in British America, 140; in countries not specified, 6

*Sex.*—Males, 4,781; females, 4,147.

#### WHERE FROM TO KANSAS.

|                    |       |                     |       |                           |     |
|--------------------|-------|---------------------|-------|---------------------------|-----|
| Arkansas.....      | 4     | Minnesota.....      | 23    | Virginia.....             | 96  |
| California.....    | 14    | Missouri.....       | 1,326 | West Virginia.....        | 17  |
| Colorado.....      | 2     | Nebraska.....       | 217   | Wisconsin.....            | 313 |
| Connecticut.....   | 1     | New Hampshire.....  | 4     | Dist. of Columbia and the |     |
| Delaware.....      | 7     | New Jersey.....     | 7     | Territories.....          | 16  |
| Georgia.....       | 2     | New York.....       | 178   | Germany.....              | 67  |
| Illinois.....      | 1,543 | North Carolina..... | 15    | Ireland.....              | 9   |
| Indiana.....       | 299   | Ohio.....           | 738   | England and Wales.....    | 125 |
| Iowa.....          | 594   | Oregon.....         | 1     | Sweden, Norway, Denmark   | 51  |
| Kentucky.....      | 122   | Pennsylvania.....   | 327   | France.....               | 1   |
| Maine.....         | 73    | Tennessee.....      | 41    | Italy.....                | 9   |
| Maryland.....      | 6     | Texas.....          | 14    | Other South of Europe...  | 43  |
| Massachusetts..... | 23    | Vermont.....        | 33    | British America.....      | 117 |
| Michigan.....      | 146   |                     |       |                           |     |

Born in Kansas, 2,415; not otherwise stated, 1.

*Occupation.*—There are 1,926, or 81.9 per cent., engaged in Agriculture; 137, or 5.8 per cent., in Professional and Personal service; 113, or 4.8 per cent., in Trade and Transportation; 174, or 7.4 per cent., in Manufactures and Mining.

*County Seat.*—Hiawatha, the county seat is 57 miles in an air line from Topeka, in a northerly direction.

*Face of the Country.*—Bottom land, 2 per cent.; upland, 98 per cent.; forest, 8 per cent.; prairie, 92 per cent. Average width of bottoms, one mile; general surface of the country gently undulating, some portions level, but very little bluffy.

*Timber.*—Average width of timber belts, one-quarter mile. Varieties: walnut, oak, hickory, cottonwood, elm, linn, box elder, soft maple, sycamore, willow, mulberry, cherry, hackberry, buckeye, honey locust, crab apple, plum.

*Principal Streams.*—Walnut Creek, runs northeast; then north and northwest, and empties into the Nemaha river. Delaware, runs a southeastern course, and empties into the Kansas river. Wolf river, a southeasterly course, and empties into the Missouri river. Roys' creek, a northeast course, and empties into Nemaha river. Otter creek, runs west, and empties into the Delaware. Spring creek, runs southeast, and empties into Walnut creek. Mulberry creek runs in an easterly course, and empties into Walnut creek. The county is very well supplied with springs; good well water obtained at a depth of from 25 to 40 feet.

*Coal.*—Coal has been discovered to a small extent, but what portion of the area it underlies is not known. Thickness, from 16 to 23 inches; found near the surface; quality, soft and not very good; used locally for fuel to a considerable extent.

*Building Stone, etc.*—Very extensive quarries of good limestone are found. They are mostly located in the western part of the county, in Walnut township.

*Railroad Connections.*—The St. Joseph and Denver City railroad enters the county on the east: traverses the entire extent of the county in a general westerly direction. Principal station, Hiawatha.

*Agricultural Statistics.*—Acres in the county, 368,640; taxable acres, 328,886: under cultivation, 187,028.87; cultivated to taxable acres, 41.66 per cent.: increase of cultivated acres during the year, 13,688.87.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 9,540.50  | 20.00          | 190,810   | \$1.03 | \$196,534.20      |
| Rye.....bu.                   | 1,892.75  | 20.00          | 37,855    | .60    | 22,713.00         |
| Spring Wheat.....bu.          | 3,711.50  | 10.00          | 37,115    | .76    | 28,207.40         |
| Corn.....bu.                  | 63,610.00 | 48.00          | 2,735,280 | .22    | 601,750.60        |
| Barley.....bu.                | 3,517.25  | 26.00          | 91,443    | 1.25   | 114,310.00        |
| Oats.....bu.                  | 9,177.75  | 35.00          | 321,221   | .25    | 80,305.25         |
| Buckwheat.....bu.             | 1,741.60  | 20.00          | 34,832    | .25    | 29,607.20         |
| Potatoes, Irish.....bu.       | 541.17    | 100.00         | 54,117    | .25    | 13,531.25         |
| Sweet Potatoes.....bu.        | 8.84      | 125.00         | 1,105     | 1.12½  | 1,243.19          |
| Sorghum.....gall.             | 246.10    | 110.00         | 27,071    | .55    | 14,889.05         |
| Castor Beans.....bu.          | 96.00     | 14.00          | 1,344     | 1.12   | 1,505.28          |
| Cotton.....lbs.               |           |                |           |        |                   |
| Flax.....bu.                  | 1,305.00  | 8.00           | 10,440    | 1.05   | 10,962.00         |
| Hemp.....bu.                  | 6.00      | 800.00         | 4,800     | .65    | 3,120.00          |
| Tobacco.....lbs.              |           |                |           |        |                   |
| Broom Corn.....lbs.           | 1,308.25  | 800.00         | 1,046,600 | .08    | 83,728.00         |
| Millet and Hungarian.....tons | 1,309.41  | 2.63           | 3,431     | 5.50   | 18,870.50         |
| Timothy.....tons              | 605.25    | 1.25           | 757       | 5.50   | 4,163.50          |
| Clover.....tons               | 35.00     | 3.00           | 105       | 5.25   | 551.25            |
| Prairie.....tons              | 26,063.50 | 1.50           | 39,095    | 3.50   | 136,882.50        |

## LARGE PROFIT.—Statement of S. C. Arnend, of Grand Prairie:

*Broom Corn:* I plowed the ground eight inches deep, harrowed, and planted broom corn in rows 3½ feet apart. The variety planted was the "Tennessee Evergreen." Plowed it once with a cultivator. The soil is high prairie sandy loam, and has been in cultivation five years. I planted on the 22d of May, and harvested the crop on the 23d of August. The yield was eight hundred pounds per acre. The cost of producing was as follows:

|                                            |          |
|--------------------------------------------|----------|
| Plowing, 18 acres, at \$1.25 per acre..... | \$ 22.50 |
| Harrowing.....                             | 7.50     |
| Planting.....                              | 5.00     |
| Cultivating.....                           | 5.00     |
| Cutting.....                               | 60.00    |
| Hauling to shed.....                       | 12.00    |
| Seeding and drying.....                    | 40.00    |
| Baling, 7 1-5 tons, at \$6.00 per ton..... | 42.20    |

\$195.20

Eighteen acres, at 800 lbs., 14,400 lbs.

Value of 14,400 lbs. at 8 cents.....\$1,152.00

Less cost of cultivation, etc.....195.20

Profit of 18 acres.....\$956.80

*Dairy Products.*—Cheese manufactured in 1870, 3,605 lbs.; in 1875, 2,051 lbs.: decrease, 1,554 lbs. Butter manufactured in 1870, 131,257 lbs.; in 1875, 210,223 lbs.: increase, 78,966 lbs.

*Farm Animals.*—Number of horses in 1870, 3,004; in 1875, 5,607: increase, 2,603. Mules and asses, in 1870, 283; in 1875, 704: increase, 421. Cattle, in 1870, 7,908; in 1875, 16,618: increase, 8,710. Sheep, in 1870, 2,509; in 1875, 687: decrease, 1,903. Swine, in 1870, 7,900; in 1875, 13,585: increase, 5,685.

*Dogs.*—Number of dogs in the county, 1,560; number of sheep killed by dogs, 108; value of sheep killed by dogs, \$251.64. Number of sheep killed by wolves, 32; value of sheep killed by wolves, \$74.56.

*Horticulture.*—Acres of nurseries, 13,225; orchards, 2,795; vineyards, 32.94.

*Apiculture.*—Number of stands of bees, 196; pounds of honey, 1,195; wax, 103.

*Fences.*—Stone, 2,523 rods; cost, \$6,938.25. Rail, 91,147 rods; cost, \$127,605.80.

Board, 353,664 rods; cost, \$495,129.60. Wire, 44,700 rods; cost, \$32,407.50. Hedge, 109,700 rods; cost, \$65,820. Total rods of fence, 601,234; total cost, \$727,901.15.

*Herd Law.*—The night herd law is in operation in but three townships, and is of little benefit.

*Water Powers.*—There are some water powers, almost wholly undeveloped, and their extent and value have not been established by surveys. There is but one water mill in the county, on Walnut creek.

*Manufactures.*—Padonia township, one grist mill; at Hiawatha, one grist mill.

*Banks.*—There is one private bank at Hiawatha, Barnett, Morrill & Co.

*Business Houses of Principal Town.*—City of Hiawatha: Agricultural implements and wagons, 3; boots and shoes, 2; clothing and tailoring, 2; confectionery, 1; dry goods (general or mixed), 4; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 4; gunsmiths, 1; hardware, (tinware included), 2; jewelry, clocks and watches, 2; lumber, 3; millinery, 3; merchandise ("country store"), 1; saddles and harness, 1; sewing machines, 3; grain dealers, 3.

*Newspapers.*—Two weekly papers, the *Dispatch* and *Herald*, are published at Hiawatha.

*Schools, etc.*—Organized school districts, 72; school houses, 69; value of school buildings and grounds, furniture and apparatus, \$80,814.

*Churches.*—Presbyterian: Organizations 1, membership 51, church edifices 1, valuation \$3,500. Congregational: Organizations 4, membership 92, church edifices 2, valuation \$7,000. Baptist: Organizations 6, membership 250, church edifices 2, valuation \$5,000. Methodist: Organizations 1, membership 53. Episcopal: Organizations 1, membership 10. Catholic: Organizations 2, membership 190, church edifices 1. Universalist: Organizations 1, membership 20.

*Libraries.*—Four public and 81 private libraries, aggregating 6,728 volumes, are reported in five townships.

*Lands.*—The unsold lands of this county, aggregating 49,594.94 acres, belong to the Central Branch Union Pacific Railway. They are not designated on the map of the county, as the descriptions were received too late.

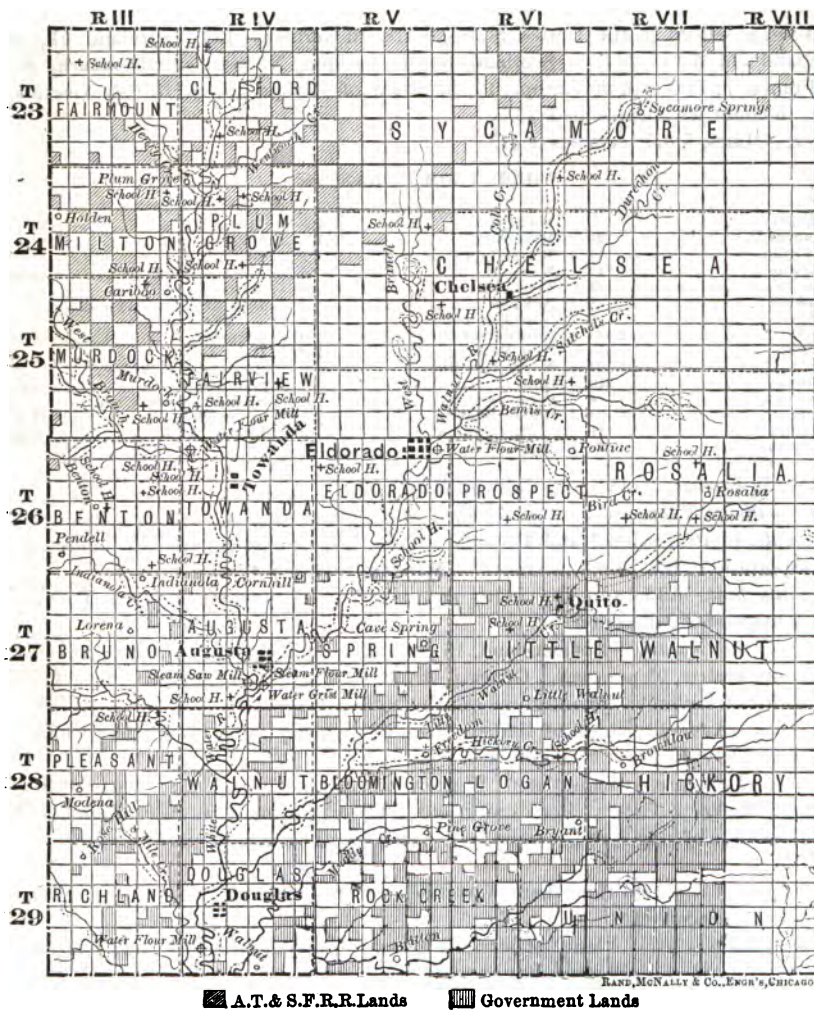
*Miscellaneous.*—Product of gardens marketed, \$919; poultry and eggs sold during the year, \$5,731.75; number of pounds of wool produced, 8,744. *Wages:* Farm laborers, with board, \$15 to \$20; laborers in cities, or on public improvements, per day, \$1.50 to \$2; carpenters, \$2.50 to \$3; bricklayers and stonemasons, \$3 to \$4; house painters, \$2.50 to \$3; wagon makers, \$2 to \$2.50; blacksmiths, \$2 to \$2.50; shoemakers, \$2 to \$3.50; harness makers, \$2 to \$3; tailors, \$3 to \$2.50; clerks, per month, \$25 to \$50; tanners, per day, \$1.50 to \$2. Prices of unoccupied lands range from \$5 to \$20 per acre.



## BUTLER COUNTY.

Organized in 1855. Named in honor of Andrew P. Butler, for twelve years a United States Senator from South Carolina, from 1857 to 1869. He was a zealous advocate of the right of the South to introduce slavery into the Territory of Kansas.

MAP OF BUTLER COUNTY, KANSAS, 1875.



Square miles, 1,428. Population to square mile, 6.89. Population in 1860, 437; in 1870, 3,035: increase in ten years, 2,598; population in 1875, 9,852: increase in five years, 6,817: increase in fifteen years, 9,415.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Augusta .....         | 798  | Benton .....          | 447   | Bloomington .....     | 384   |
| Bruno .....           | 294  | Chelsea .....         | 237   | Clifford .....        | 307   |
| Douglas .....         | 625  | Eldorado .....        | 1,138 | Fairmount .....       | 261   |
| Fairview .....        | 288  | Hickory .....         | 236   | Little Walnut .....   | 487   |
| Logan .....           | 215  | Milton .....          | 230   | Murdock .....         | 219   |
| Pleasant .....        | 300  | Plum Grove .....      | 212   | Prospect .....        | 343   |
| Richland .....        | 841  | Rock Creek .....      | 437   | Rosalia .....         | 375   |
| Spring .....          | 490  | Sycamore .....        | 119   | Towanda .....         | 414   |
| Union .....           | 219  | Walnut .....          | 393   | .....                 | ..... |

*Nativity.*—Born in the United States, 9,318; in Germany, 130; in Ireland, 51; in England and Wales, 117; in Scotland, 30; in Sweden, Norway and Denmark, 67; in France, 7; in North of Europe, 16; in South of Europe, 10; in British America, 100; in countries not specified, 15.

*Sex.*—Males, 5,377; females, 4,475.

## WHERE FROM TO KANSAS.

|                     |       |                      |       |                                             |       |
|---------------------|-------|----------------------|-------|---------------------------------------------|-------|
| Alabama .....       | 9     | Michigan .....       | 228   | Texas .....                                 | 43    |
| Arkansas .....      | 29    | Minnesota .....      | 119   | Vermont .....                               | 14    |
| California .....    | 13    | Mississippi .....    | 8     | Virginia .....                              | 70    |
| Colorado .....      | 12    | Missouri .....       | 1,357 | West Virginia .....                         | 80    |
| Connecticut .....   | 4     | Nebraska .....       | 55    | Wisconsin .....                             | 199   |
| Delaware .....      | 3     | Nevada .....         | 1     | Dist. of Columbia and the Territories ..... | 22    |
| Georgia .....       | 6     | New Hampshire .....  | 10    | Germany .....                               | 26    |
| Illinois .....      | 2,175 | New Jersey .....     | 9     | Ireland .....                               | 3     |
| Indiana .....       | 813   | New York .....       | 162   | England and Wales .....                     | 20    |
| Iowa .....          | 1,132 | North Carolina ..... | 112   | Scotland .....                              | 2     |
| Kentucky .....      | 319   | Ohio .....           | 602   | Sweden, Norway and Denmark .....            | 34    |
| Louisiana .....     | 4     | Pennsylvania .....   | 188   | British America .....                       | 33    |
| Maine .....         | 53    | Rhode Island .....   | 8     | .....                                       | ..... |
| Maryland .....      | 11    | South Carolina ..... | 10    | .....                                       | ..... |
| Massachusetts ..... | 28    | Tennessee .....      | 101   | .....                                       | ..... |

Born in Kansas, 1,648; not otherwise stated, 70.

*Occupation.*—There are 2,186, or 79.8 per cent., engaged in Agriculture; 269, or 9.8 per cent., in Professional and Personal service; 93, or 3.3 per cent., in Trade and Transportation; 188, or 6.8 per cent., in Manufactures and Mining.

*County Seat.*—Eldorado, the county seat, is 107 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 5 per cent.; prairie, 95 per cent. General surface of the country, undulating. Average width of bottoms, one and three-quarter miles.

*Timber.*—Average width of timber belts, one-quarter mile. Varieties: walnut, oak, hackberry, hickory, sycamore and elm.

*Principal Streams.*—Walnut and Whitewater; tributaries of the former, Little Walnut, Hickory, Turkey, Rock creek, etc. There are many smaller streams and an abundance of fine springs; good well water obtained at a depth of about thirty feet.

*Coal.*—It is reported that there have been recent developments of coal, but no definite data received.

*Building Stone, etc.*—Plenty of stone is found of various qualities. It is stated that lead has been discovered, but to what extent no information is at hand. Gypsum has also been discovered on the Whitewater.

*Railroad Connections.*—There are no railroads in the county.

*Agricultural Statistics.*—Acres in the county, 913,920; taxable acres, 547,241; under cultivation, 95,173.23; cultivated to taxable acres, 17.39 per cent.; increase of cultivated acres during the year, 23,592.23.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 14,958.75 | 22.00          | 329,092   | \$1.00 | \$329,092.00      |
| Rye.....bu.                   | 2,050.50  | 20.00          | 41,010    | .50    | 20,505.00         |
| Spring Wheat.....bu.          | 444.00    | 12.00          | 5,328     | .78    | 4,155.84          |
| Corn.....bu.                  | 34,878.80 | 45.90          | 1,569,532 | .80    | 313,936.40        |
| Barley.....bu.                | 69.50     | 24.00          | 1,668     | 1.22   | 2,034.76          |
| Oats.....bu.                  | 11,829.83 | 35.00          | 418,834   | .18    | 74,490.12         |
| Buckwheat.....bu.             | 88.50     | 21.00          | 808       | .80    | 646.40            |
| Potatoes, Irish.....bu.       | 753.34    | 125.00         | 94,167    | .20    | 18,833.40         |
| Sweet Potatoes.....bu.        | 27.37     | 165.00         | 4,516     | .95    | 4,290.20          |
| Sorghum.....gall.             | 575.13    | 120.00         | 69,014    | .50    | 34,507.00         |
| Castor Beans.....bu.          | 89.00     | 16.00          | 1,424     | 1.10   | 1,566.40          |
| Cotton.....lbs.               | 14.11     | 200.00         | 2,822     | .08    | 225.16            |
| Flax.....bu.                  | 131.11    | 10.00          | 1,311     | 1.00   | 1,311.00          |
| Hemp.....lbs.                 | .66       | 800.00         | 528       | .60    | 316.80            |
| Tobacco.....lbs.              | 29.62     | 700.00         | 20,734    | .07    | 1,451.38          |
| Broom Corn.....lbs.           | 104.95    | 850.00         | 89,207    | .06    | 5,352.42          |
| Millet and Hungarian.....tons | 2,567.50  | 2.62           | 6,727     | 4.00   | 26,908.00         |
| Timothy.....tons              | 77.00     | 1.50           | 115       | 5.00   | 575.00            |
| Clover.....tons               | 74.50     | 3.00           | 223       | 5.00   | 1,115.00          |
| Prairie.....tons              | 3,739.00  | 1.75           | 6,543     | 3.00   | 19,629.00         |

## LARGE YIELDS.—

*Winter Wheat.*—Statement of Jeriel Wilday, of Augusta: Drilled in the gold drop—a variety of winter wheat resembling May wheat, on bottom land in the forks of Walnut and Whitewater creeks. Harvested over 63 bushels per acre. The ground had been in cultivation five years, and had been planted in wheat for several previous seasons. I plowed six to seven inches deep, and used one and one-half bushels of seed per acre.

Capt. A. D. Lee, on Walnut creek, harvested 1,100 bushels of wheat on 20 acres of ground. This wheat weighed 63½ lbs. to the bushel measure.

Henry Stull, near Augusta, had on a field of 26 acres, 45 bushels per acre. What he sold graded No. 1. He plowed eight inches deep, and harrowed carefully before drilling.

*Dairy Products.*—Cheese manufactured in 1870, 150 lbs.; in 1875, 1,060 lbs.: increase, 910 lbs. Butter manufactured in 1870, 2,620 lbs.; in 1875, 206,053 lbs.: increase, 203,433 lbs.

*Farm Animals.*—Number of horses, in 1870, 987; in 1875, 4,098: increase, 3,111. Mules and asses, in 1870, 148; in 1875, 731: increase, 583. Cattle, in 1870, 5,536; in 1875, 13,927: increase, 8,391. Sheep, in 1870, 2,603; in 1875, 1,559: decrease, 1,044. Swine, in 1870, 684; in 1875, 5,991: increase, 5,307.

*Dogs.*—Number of dogs in the county, 1,636; number of sheep killed by dogs, 52; value of sheep killed by dogs, \$121.16. Number of sheep killed by wolves, 63; value of sheep killed by wolves, \$146.79.

*Horticulture.*—Acres of nurseries, 59.37; orchards, 2,001.18; vineyards, 32.6.

*Apiaculture.*—Number of stands of bees, 12; pounds of honey, 50; wax, 25.

*Fences.*—Stone, 10,662 rods; cost, \$25,322.25. Rail, 101,130 rods; cost, \$136,525.50. Board, 21,033 rods; cost, \$26,291.25. Wire, 13,300 rods; cost, \$9,975.00. Hedge, 194,452 rods; cost, \$92,364.70. Total rods of fence, 340,577; total cost, \$290,478.70.

*Herd Law.*—The herd law has been in force throughout this county since May 6,

1872. "We could not get along without it; it is a good law for the farmer and stock raiser."

*Water Powers.*—There are good water powers in the county, but little utilized as yet.

*Manufactures.*—In Eldorado there is one steam and one water mill, one tannery, one cheese factory, and one furniture factory. There are two additional water and one steam mills in the county. There is one cigar manufactory at Walnut creek. At Augusta, a steam lumber mill, two cabinet manufactories; two carriage and farm wagon manufactories, one broom factory; one steam flouring mill; one water power flouring mill, and three steam saw mills. At Towanda, one water flouring mill, one water grist mill, and one cheese factory. At Douglas, two steam saw mills. At Spring township, one water power flouring mill.

*Banks.*—Banking house of Brown Bros., at Augusta.

*Newspapers.*—There are two weekly newspapers, the *Walnut Valley Times*, at Eldorado, and the *Southern Kansas Gazette*, at Augusta.

*Schools, etc.*—Organized school districts, 124; number of school houses, 90; value of school buildings and grounds, furniture and apparatus, \$80,500.

*Churches.*—Presbyterian: Organizations 4, aggregate membership 80, church edifices 1, valuation \$3,500. Congregationalist: Organizations 2, membership 20. Baptist: Organizations 6, membership 204. United Presbyterian: Organizations 1, membership 15. Methodist: Organizations 8, membership 143, church edifices 1, valuation \$2,000. Catholic: Organizations 4, membership 500.

*Libraries.*—Of 26 townships, reports are received from seven only; these have one public and 37 private libraries, containing 1,332 volumes.

*Lands.*—The unsold lands are indicated on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$2,435.50; poultry and eggs sold, \$6,035.25; number of pounds of wool produced, 3,237.

*Wages.*—Farm laborers with board, per month, \$15 to \$20; carpenters, per day, \$1.75 to \$2.50; bricklayers and stonemasons, \$2 to \$2.50; house painters, \$2 to \$2.50; wagon makers, \$2.50 to \$3; blacksmiths, \$3; shoe makers, \$2.50. Unoccupied lands are sold at from \$2 to \$8 per acre.

## CHAUTAUQUA COUNTY.

Organized in 1875. Named for Chautauqua county, New York, the former home of Hon. Edward Jacquins, who was a member of the Kansas Legislature, in 1875, from Howard county, and introduced the bill dividing Howard county into Chautauqua and Elk. Square miles, 651. Population to square mile, 11.39. \* Population in 1875, 7,417.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|-------|-----------------------|-------|-----------------------|------|
| Belleville .....      | 986   | Caneyville .....      | 875   | Centre .....          | 818  |
| Jefferson .....       | 1,369 | Lafayette .....       | 614   | Little Caney .....    | 448  |
| Salt Creek .....      | 479   | Sedan .....           | 1,418 | Washington .....      | 460  |

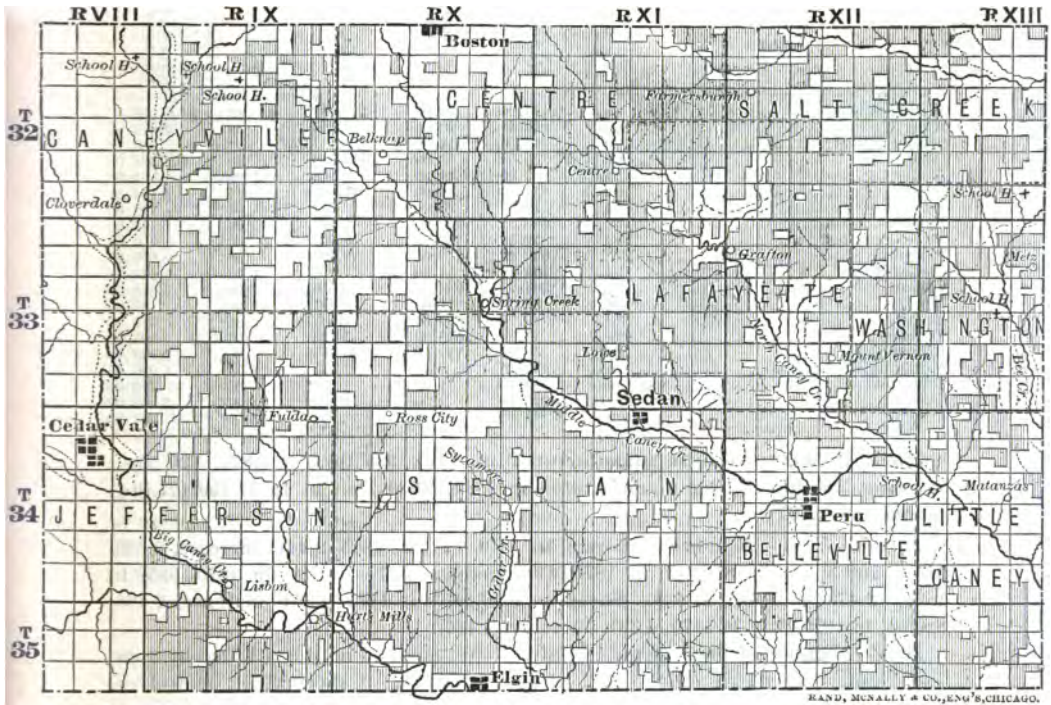
*Nativity.*—Born in the United States, 7,140; in Germany, 46; in Ireland, 45; in

\* The Legislature of 1875 passed a bill, dividing Howard county into two counties.—Chautauqua and Elk. The division line was run through the centre of the county, from east to west; the county upon the north being called Elk, and upon the south, Chautauqua. The population of Howard county in 1860, was 19; in 1870, 2,794; an increase in ten years of 2,775; in 1875, the combined population of Elk and Chautauqua counties was 13,632; an increase in five years of 10,838, and an increase in fifteen years of 13,613.

England and Wales, 78; in Scotland, 17; in Sweden, Norway and Denmark, 143; in France, 6; in North of Europe, 6; in Italy, 1; in South of Europe, 13; in British America, 18; in countries not specified, 3.

*Sex.*—Males, 3,970; females, 3,447.

MAP OF CHAUTAUQUA COUNTY, KANSAS, 1875.



Government Lands

WHERE FROM TO KANSAS.

|                    |       |                     |       |                            |    |
|--------------------|-------|---------------------|-------|----------------------------|----|
| Alabama.....       | 1     | Michigan.....       | 76    | Texas.....                 | 41 |
| Arkansas.....      | 140   | Minnesota.....      | 10    | Vermont.....               | 4  |
| California.....    | 22    | Mississippi.....    | 18    | Virginia.....              | 24 |
| Colorado.....      | 11    | Missouri.....       | 1,639 | West Virginia.....         | 53 |
| Connecticut.....   | 12    | Nebraska.....       | 61    | Wisconsin.....             | 94 |
| Delaware.....      | 1     | Nevada.....         | 3     | Dist. of Columbia and the  |    |
| Georgia.....       | 8     | New Hampshire.....  | 6     | Territories.....           | 40 |
| Illinois.....      | 1,601 | New York.....       | 47    | Germany.....               | 4  |
| Indiana.....       | 681   | North Carolina..... | 1     | Ireland.....               | 3  |
| Iowa.....          | 901   | Ohio.....           | 203   | England and Wales.....     | 9  |
| Kentucky.....      | 181   | Oregon.....         | 13    | Sweden, Norway and Den-    |    |
| Louisiana.....     | 3     | Pennsylvania.....   | 62    | mark.....                  | 7  |
| Maryland.....      | 7     | Rhode Island.....   | 4     | Other North of Europe..... | 3  |
| Massachusetts..... | 2     | Tennessee.....      | 23    | British America.....       | 7  |

Born in Kansas, 1,483; not otherwise stated, 3.

*Occupation.*—There are 1,600, or 85.5 per cent., engaged in Agriculture; 91, or 4.8 per cent., in Professional and Personal services; 46, or 2.4 per cent., in Trade and Transportation; 133, or 7.1 per cent., in Manufactures and Mining.

*County Seat.*—Sedan, the county seat, is 135 miles in an air line from Topeka, in a southerly direction.



*Railroad Connections.*—There are no railroads in the county.

*Agricultural Statistics.*—Acres in the county, 414,080; taxable acres, 170,459; under cultivation, 55,772.50; cultivated to taxable acres, 32.71 per cent.: increase of cultivated acres during the year, 8,700.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT   | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 6,474.00  | 20.00          | 129,480   | \$ .85 | \$100,058.00      |
| Rye.....bu.                   | 247.25    | 20.00          | 4,945     | .48    | 2,373.60          |
| Spring Wheat.....bu.          | 19.50     | 12.00          | 234       | .77    | 180.18            |
| Corn.....bu.                  | 27,070.00 | 42.00          | 1,136,940 | .90    | 227,388.00        |
| Barley.....bu.                | 2.00      | 24.00          | 48        | 1.20   | 57.60             |
| Oats.....bu.                  | 654.75    | 34.00          | 22,661    | .17    | 3,794.37          |
| Buckwheat.....bu.             | 12.25     | 20.00          | 245       | .80    | 196.00            |
| Potatoes, Irish.....bu.       | 385.57    | 110.00         | 42,413    | .90    | 8,482.60          |
| Sweet Potatoes.....bu.        | 57.50     | 160.00         | 9,200     | .90    | 8,200.00          |
| Sorghum.....gall.             | 690.00    | 115.00         | 79,350    | .50    | 39,675.00         |
| Castor Beans.....bu.          | 104.12    | 14.00          | 1,458     | 1.12   | 1,632.96          |
| Cotton.....lbs.               | 364.29    | 200.00         | 72,858    | .08    | 5,828.64          |
| Flax.....bu.                  | 81.00     | 11.00          | 891       | 1.00   | 81.00             |
| Hemp.....lbs.                 | .75       | 850.00         | 637       | .60    | 382.20            |
| Tobacco.....lbs.              | 11.12     | 650.00         | 7,228     | .07    | 505.96            |
| Broom Corn.....lbs.           | 54.35     | 740.00         | 40,367    | .06    | 2,422.02          |
| Millet and Hungarian.....tons | 590.25    | 3.75           | 1,623     | 3.75   | 6,086.25          |
| Timothy.....tons              | 42.50     | 1.25           | 53        | 5.00   | 265.00            |
| Clover.....tons               | 225.49    | 2.50           | 564       | 5.25   | 2,961.00          |
| Prairie.....tons              | 9,244.92  | 1.50           | 13,897    | 3.00   | 41,601.00         |

*Dairy Products.*—Cheese manufactured in 1870, 325 lbs.; in 1875, 620 lbs.: increase, 295 lbs. Butter manufactured in 1870, 3,600 lbs.; in 1875, 159,427 lbs.: increase, 155,827 lbs.

*Farm Animals.*—Number of horses, in 1870, 125; in 1875, 2,441: increase, 2,316. Mules and asses, in 1870, 13; in 1875, 430: increase, 417. Cattle, in 1870, 935; in 1875, 12,473: increase, 11,538. Sheep, in 1870, 200; in 1875, 2,363: increase, 2,163. Swine, in 1870, 211; in 1875, 4,391: increase, 4,180.

*Dogs.*—Number of dogs in the county, 1,394; number of sheep killed by dogs, 104; value of sheep killed by dogs, \$242.32. Number of sheep killed by wolves, 24; value of sheep killed by wolves, \$55.92.

*Horticulture.*—Acres of nurseries, 10.68; orchards, 1,890.11; vineyards, 24.12.

*Apiculture.*—Number of stands of bees, 14; pounds of honey, 105; wax, 5.

*Fences.*—Stone, 13,135 rods; cost, \$27,911.87. Rail, 287,593 rods; cost, \$424,199.67. Board, 6,305 rods; cost, \$9,457.50. Wire, 30,700 rods; cost, \$23,025.00. Hedge, 53,147 rods; cost, \$30,559.52. Total rods of fence, 390,880; total cost, \$515,153.36.

*Manufactures.*—At Peru, a water power, saw and grist mill. At Cloverdale, one saw and grist mill, and one steam saw mill. At Boston, one water-power saw and grist mill, one steam saw and grist mill. At Cedarville, one water-power saw and grist mill, one saw and one grist mill. At Grafton, a steam saw and grist mill, one grindstone manufactory. At Matanzas, a steam saw and grist mill. At Salt Creek, a steam saw mill. At Elk City, a steam saw mill.

*Banks.*—None in the county.

*Newspaper.*—The *Journal*, weekly, at Sedan.

*Schools.*—Organized school districts, 80; number of school houses, 71; value of school buildings and grounds, furniture and apparatus, \$32,555.

*Churches.*—Baptist: Organization 10, membership 803.

*Libraries.*—In five townships there are four public and 87 private libraries, with 5,914 volumes.

*Lands.*—The unsold lands are shown by the annexed map of the county.

*Miscellaneous.* — Produce of gardens marketed, \$839; poultry and eggs sold \$3,097.50; number of pounds of wool produced, 6,642. Prices of unoccupied lands range from \$1.25 to \$4 per acre.

### CHASE COUNTY.

Organized in 1859. Named in honor of Salmon P. Chase, Governor of Ohio, United States Senator, Secretary of the United States Treasury, and Chief Justice of the Supreme Court of the United States. As a United States Senator, when Kansas Territory was organized, he earnestly opposed the extension of slavery into the new State to be formed. Square miles, 750. Population to square mile, 4.15. Population in 1860, 1,046; in 1870, 1,975: increase in ten years, 929; population in 1875, 3,116: increase in five years, 1,141: increase in fifteen years, 2,070.

#### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES.  | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|------------------------|-------|-----------------------|-------|
| Bazaar .....          | 596   | Cottonwood .....       | 506   | Diamond Creek .....   | 663   |
| Falls .....           | 496   | Cottonwood Falls ..... | 377   | Toledo .....          | 488   |
| .....                 | ..... | .....                  | ..... | .....                 | ..... |

*Nativity.*—Born in the United States, 2,786; in Germany, 74; in Ireland, 48; in England and Wales, 82; in Scotland, 30; in Sweden, Norway, and Denmark, 43; in France, 23; in North of Europe, 1; in South of Europe, 6; in British America, 22; in countries not specified, 1.

*Sex.*—Males, 1665; females, 1451.

#### WHERE FROM TO KANSAS.

|                     |     |                      |       |                                             |       |
|---------------------|-----|----------------------|-------|---------------------------------------------|-------|
| Arkansas .....      | 1   | Mississippi .....    | 8     | Virginia .....                              | 43    |
| California .....    | 5   | Missouri .....       | 265   | West Virginia .....                         | 54    |
| Colorado .....      | 2   | Nebraska .....       | 8     | Wisconsin .....                             | 112   |
| Connecticut .....   | 3   | Nevada .....         | 1     | Dist. of Columbia and the Territories ..... | 8     |
| Delaware .....      | 1   | New Hampshire .....  | 2     | Germany .....                               | 8     |
| Georgia .....       | 1   | New Jersey .....     | 1     | Ireland .....                               | 2     |
| Illinois .....      | 416 | New York .....       | 111   | England and Wales .....                     | 21    |
| Indiana .....       | 285 | North Carolina ..... | 25    | Scotland .....                              | 1     |
| Iowa .....          | 250 | Ohio .....           | 257   | Sweden, Norway and Denmark .....            | 19    |
| Kentucky .....      | 51  | Oregon .....         | 2     | France .....                                | 9     |
| Louisiana .....     | 1   | Pennsylvania .....   | 103   | Other North of Europe .....                 | 1     |
| Maine .....         | 3   | Rhode Island .....   | 10    | Italy .....                                 | ..... |
| Maryland .....      | 17  | South Carolina ..... | ..... | Other South of Europe .....                 | 12    |
| Massachusetts ..... | 9   | Tennessee .....      | 31    | British America .....                       | ..... |
| Michigan .....      | 118 | Texas .....          | 10    |                                             |       |
| Minnesota .....     | 6   | Vermont .....        | 8     |                                             |       |

Born in Kansas, 831; not otherwise stated, 1.

*Occupation.*—There are 647, or 75.8 per cent., engaged in Agriculture; 76, or 8.9 per cent., in Professional and Personal service; 41, or 4.8 per cent., in Trade and Transportation; 89, or 10.4 per cent., in Manufactures and Mining.

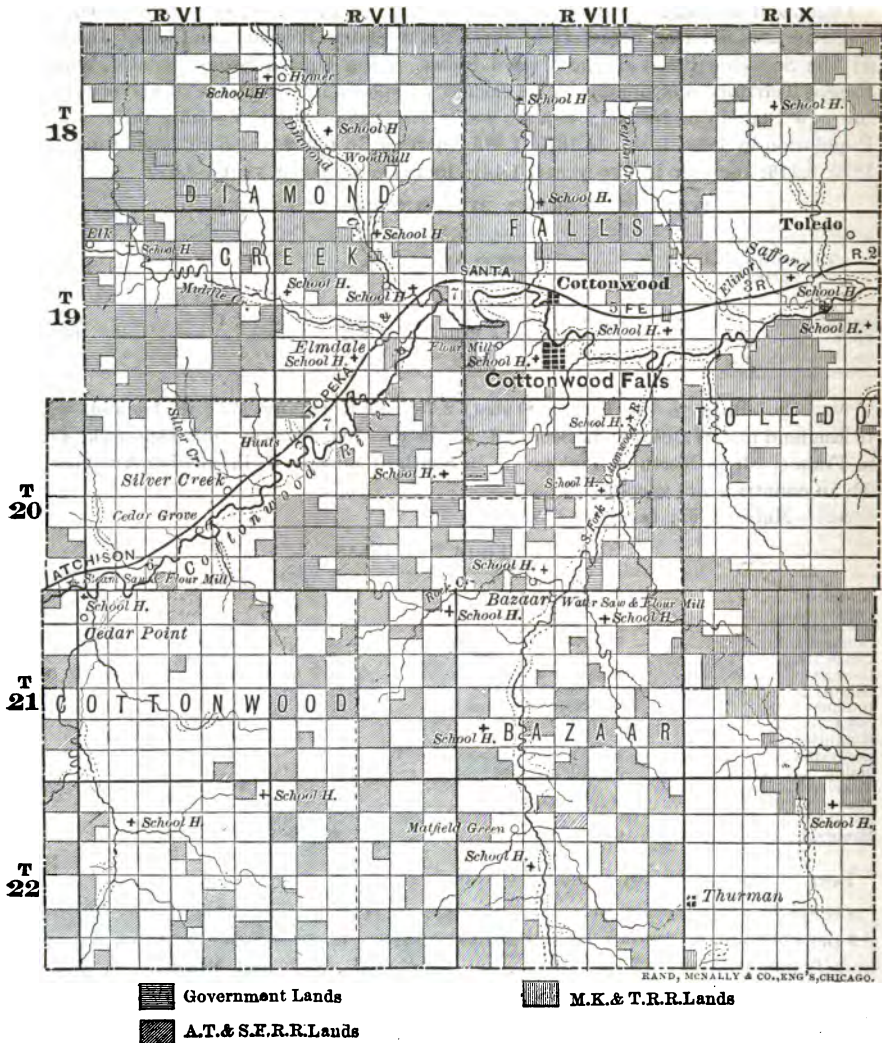
*County Seat.*—Cottonwood Falls, the county seat, is 67 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 12 per cent.; upland, 83 per cent.; forest, 5 per cent; prairie, 95 per cent. The general surface of the country, except in the bottoms, is undulating, with a considerable extent of bluffs adjoining the valleys of the streams.

**Timber.**—Average width of timber belts, three-eighths of a mile. Varieties: walnut, burr oak, hackberry, hickory, sycamore and cottonwood.

**Principal Streams.**—Cottonwood river is the principal stream. It runs from the northwest corner of township 21, in range 6, east on the west line of the county, to within two miles of the northwest corner of town 19, range 8; thence continues an eastwardly course. Tributaries on the north, Buckeye, Peyton, Fox, Diamond,

MAP OF CHASE COUNTY, KANSAS, 1875.



Middle, Silver and French creeks; general course southeast. Tributaries on the south, Jacobs, Bloody, South Fork, and several smaller ones; general course south. The county is tolerably well supplied with springs, and good well water may generally be reached at a depth of 25 feet.



*Coal.*—None of any consequence has been developed.

*Building Stone, etc.*—An excellent quality abounds. Samples of the magnesian limestone may be seen in the bases of the columns which support the portico of the Capitol building; also in the court house at Leavenworth; the piers of the Atchison bridge, and in a bank building at Kansas City. There is a considerable demand for this stone in the prominent towns of the State. Ochre has been discovered, but no use made of it as yet.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad enters the county on the northeast, and runs through the county in a southwesterly direction, via Cottonwood Falls.

*Agricultural Statistics.*—Acres in the county, 480,000; taxable acres, 408,203; under cultivation, 31,311.82; cultivated to taxable acres, 7.67 per cent.: increase of cultivated acres during the year, 7,188.82.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE   | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 5,994.00  | 22.00          | 131,868   | \$1.05 | \$138,461.40      |
| Rye.....bu.                   | 408.50    | 22.00          | 8,987     | .62    | 5,571.94          |
| Spring Wheat.....bu.          | 3,166.00  | 14.00          | 30,324    | .72    | 21,833.28         |
| Corn.....bu.                  | 27,070.00 | 42.00          | 1,136,940 | .30    | 237,388.00        |
| Barley.....bu.                | 165.00    | 22.00          | 3,630     | 1.25   | 4,537.50          |
| Oats.....bu.                  | 2,078.25  | 35.00          | 72,739    | .25    | 18,184.75         |
| Buckwheat.....bu.             | 1.36      | 20.00          | 27        | .90    | 34.30             |
| Potatoes, Irish.....bu.       | 290.84    | 80.00          | 23,267    | .42½   | 9,888.37          |
| Sweet Potatoes.....bu.        | 20.50     | 163.00         | 3,341     | .87½   | 2,923.37          |
| Sorghum.....gall.             | 78.00     | 1.20           | 9,360     | .50    | 4,680.00          |
| Castor Beans.....bu.          | 44.00     | 15.00          | 660       | 1.15   | 759.00            |
| Cotton.....lbs.               | 50        | 150.00         | 75        | .08    | 6.40              |
| Flax.....bu.                  | 1.25      | 11.00          | 14        | 1.06   | 14.84             |
| Tobacco.....lbs.              | 2.87      | 6.50           | 1,865     | .07½   | 139.87            |
| Broom Corn.....lbs.           | 1.50      | 870.00         | 1,305     | .08    | 104.40            |
| Millet and Hungarian.....tons | 523.75    | 2.75           | 1,440     | 4.00   | 5,760.00          |
| Timothy.....tons              | 18.50     | 1.25           | 23        | 6.00   | 138.00            |
| Clover.....tons               | 10.00     | 3.00           | 30        | 5.75   | 172.50            |
| Prairie.....tons              | 8,101.00  | 2.00           | 16,202    | 3.00   | 48,606.00         |

*Dairy Products.*—Cheese manufactured in 1870, 210 lbs. Butter manufactured in 1870, 41,115 lbs.; in 1875, 93,112 lbs.: increase, 51,967 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,189; in 1875, 2,482: increase, 1,293. Mules and asses, in 1870, 60; in 1875, 128: increase, 68. Cattle, in 1870, 5,931; in 1875, 10,450: increase, 4,519. Sheep, in 1870, 1,255; in 1875, 509: decrease, 746. Swine, in 1870, 588; in 1875, 1,130: increase, 545.

*Dogs.*—Number of dogs in the county, 613; number of sheep killed by dogs, 13; value of sheep killed by dogs, \$30.29. Number of sheep killed by wolves, 81; value of sheep killed by wolves, \$72.23.

*Horticulture.*—Acres of nurseries, 2; orchards, 413.25; vineyards, 13.87.

*Apiculture.*—Number of stands of bees, 8.

*Fences.*—Stone, 6,488 rods; cost, \$16,220.00. Rail, 91,869 rods; cost, \$128,626.60. Board, 33,939 rods; cost, \$42,423.75. Wire, 13,200 rods; cost, \$105,60.00. Hedge, 8,743 rods; cost, \$5,027.22. Total rods of fence, 154,239; total cost, \$202,857.57.

*Herd Law.*—The herd law is not in force in this county.

*Water Power.*—The Cottonwood river furnishes excellent water power, as yet but slightly utilized.

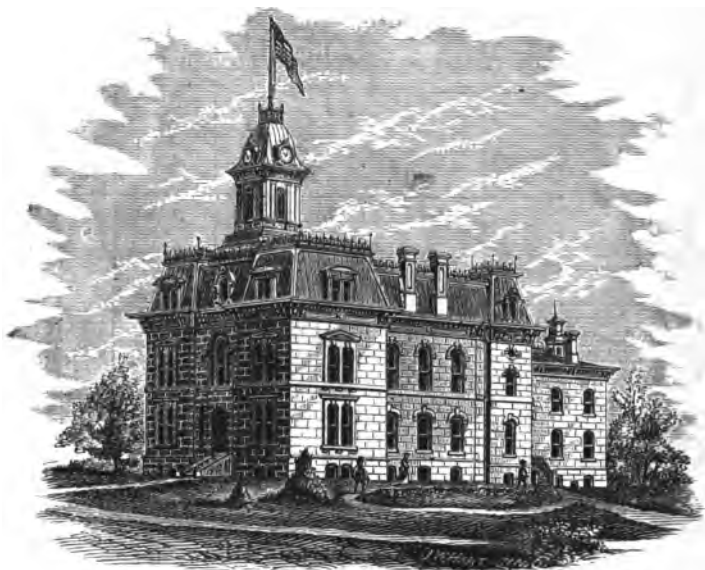
*Manufactures.*—Bazaar township, one flouring mill, water-power and hand-loom, capital, \$2,500. Cottonwood, two water-power flouring mills, stone sawing works.

Toledo, water-power flouring mill, capital \$2,000. Falls township, flouring mill capital \$2,500. Diamond Creek, flouring mill, capital \$1,000. At Cedar Point, a grist mill. At Elmdale, a saw mill. At Silver Creek, one saw mill, one saw and grist mill. At Safford, a saw and grist mill.

*Banks.*—Chase County Bank, of Cottonwood Falls.

*Newspapers.*—Two weekly papers are published at Cottonwood Falls, the *Chase County Leader* and the *Courant*.

*Schools, etc.*—Organized school districts, 36; school houses, 32; denominational schools, one (Catholic), Cottonwood Falls; value of school buildings and grounds, furniture and apparatus, \$31,563.



CHASE COUNTY COURT HOUSE.

*Churches.*—Congregational: Organizations 1, membership 24, church edifices 1, valuation \$2,500. Baptist: Organizations 2, membership 83. United Presbyterian: Organizations 1, membership 22. Methodist: Organizations 3, membership 60, church edifices 1, valuation \$3,500. Episcopal: Membership 12. Catholic: Organizations 2, membership 400, church edifices 1, valuation \$800.

*Libraries.*—Nine public libraries, containing 1,252 volumes, and 43 private libraries, with 3,816 volumes, are reported from this county.

*Lands.*—The accompanying map shows the unsold lands in this county.

*Miscellaneous.*—Produce of gardens marketed, \$501. Poultry and eggs sold, \$1,029. Number of pounds of wool produced, 980.

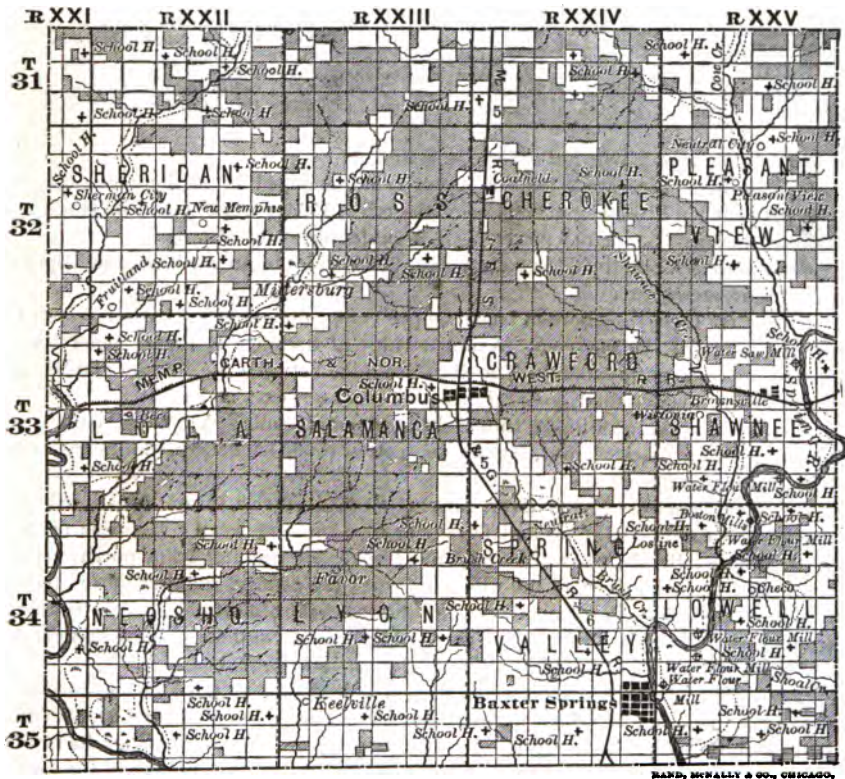
*Wages.*—Farm laborers per month, with board, \$16 to \$25; laborers, in cities or on public improvements, per day, \$1.50 to \$2; carpenters, \$1.50 to \$2; bricklayers and stonemasons, \$2 to \$2.50; harness makers, \$1.50 to \$2; tanners, \$3 to \$2.50.

Prices of vacant lands from \$1.50 to \$8 per acre.

## CHEROKEE COUNTY.

Organized in 1866. Named McGee, in 1855, in honor of E. M. McGee, a Member of the Territorial Legislature. In 1868, the name Cherokee was adopted, by reason of the fact that the reservation of the tribe of Indians of that name was in part within the limits of the county. Square miles, 589; population to square mile, 20.75. Population in 1860, 1,501; in 1870, 11,038: increase in ten years, 9,537; population in 1875, 12,223: increase in five years, 1,185: increase in fifteen years, 10,722.

MAP OF CHEROKEE COUNTY, KANSAS, 1875.



Mo. R.F.S. & Gulf R.R. Lands Government Lands.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Cherokee.....         | 1,279 | Crawford .....        | 711   | Lolla.....            | 508   |
| Lowell.....           | 1,176 | Lyon.....             | 578   | Neosho.....           | 948   |
| Pleasant View .....   | 959   | Ross.....             | 741   | Salamanca.....        | 1,150 |
| Shawnee.....          | 875   | Sheridan.....         | 1,341 | Baxter Springs.....   | 1,059 |
| Spring Valley.....    | 905   |                       |       |                       |       |

*Nativity.*—Born in the United States, 11,564; in Germany, 179; in Ireland, 148; in England and Wales, 132; in Scotland, 14; in Sweden, Norway and Denmark, 49;

in France, 8; in North of Europe, 16; in South of Europe, 18; in British America, 88; in countries not specified, 12.

*Sex.*—Males, 6,439; females, 5,784.

WHERE FROM TO KANSAS.

|                    |       |                     |       |                            |     |
|--------------------|-------|---------------------|-------|----------------------------|-----|
| Alabama.....       | 2     | Minnesota.....      | 64    | Vermont.....               | 2   |
| Arkansas.....      | 225   | Mississippi.....    | 8     | Virginia.....              | 32  |
| California.....    | 18    | Missouri.....       | 2,677 | West Virginia.....         | 3   |
| Colorado.....      | 13    | Nebraska.....       | 68    | Wisconsin.....             | 119 |
| Georgia.....       | 7     | Nevada.....         | 1     | Dist. of Columbia and the  |     |
| Illinois.....      | 2,946 | New Jersey.....     | 1     | Territories.....           | 40  |
| Indiana.....       | 1,041 | New York.....       | 78    | Germany.....               | 3   |
| Iowa.....          | 1,290 | North Carolina..... | 56    | Ireland.....               | 4   |
| Kentucky.....      | 105   | Ohio.....           | 429   | England and Wales.....     | 23  |
| Louisiana.....     | 1     | Pennsylvania.....   | 136   | Sweden, Norway and Den-    |     |
| Maine.....         | 4     | Rhode Island.....   | 1     | mark.....                  | 7   |
| Maryland.....      | 1     | South Carolina..... | 2     | France.....                | 1   |
| Massachusetts..... | 15    | Tennessee.....      | 143   | Other South of Europe..... | 5   |
| Michigan.....      | 124   | Texas.....          | 278   | British America.....       | 44  |

Born in Kansas, 2,195; not otherwise stated, 12.

*Occupation.*—There are 2,182, or 72 per cent., engaged in Agriculture; 358, or 11.8 per cent., in Professional and Personal service; 156, or 5.1 per cent., in Trade and Transportation; 333, or 10.9 per cent., in Manufactures and Mining.

*County Seat.*—Columbus, the county seat, is 135 miles in an air line from Topeka, in a southeasterly direction.

*Face of the Country.*—Bottom lands, 20 per cent.; upland, 80 per cent.; forest, 10 per cent.; prairie, 90 per cent. Average width of bottoms, 1½ miles; general surface of the country undulating. The dividing ridge between the Neosho and Spring rivers forms a water shed; general direction of water, east and west.

*Timber.*—Average width of timber belts, one-half mile. Varieties: oak, elm, hickory, pecan, black walnut, sycamore, cottonwood, hackberry, mulberry, ash, hard and soft maples, etc.

*Principal Streams.*—Spring river, running from northeast to southwest; tributaries on the east, Shoal, Shot and Turkey creeks, running west; tributaries on the west, Willow, Brush, Shawnee and Cow creeks, all running from northwest to southeast. Neosho river, in the western part of the county, running south; tributaries on east side, Tar, Fly, Cherry, Lightning and Limestone creeks, running from northeast to southwest. The county is tolerably well supplied with springs, and good well water is found at a depth of from 18 to 75 feet.

*Coal.*—Prof. B. F. Mudge certifies that coal is found at the surface, and at a depth not to exceed fifty feet, in townships 33 and 34, of ranges 23 and 24, covering half of those townships. It is in strata from twelve to twenty-four inches in thickness. It is bituminous coal, is used only locally, and is delivered in the towns at from \$2 to \$2.50 per ton. It is also found in townships 31 and 32, of ranges 23, 24 and 25, in veins of from three to four feet in thickness. It is frequently shipped under the name of Fort Scott coal.

*Building Stone, etc.*—Sandstone is found on the prairies, and limestone along the streams, both in abundance. Lead and zinc ores have been discovered in Lowell, Spring Valley and Shawnee townships; also fire clay in the northern part of the county, and pottery clay in Lowell, Spring Valley, Salamanca, Shawnee and Crawford townships.

*Railroad Connections.*—The Missouri River, Fort Scott & Gulf Railroad enters the county upon the north, and runs nearly through the centre, by Coalfield, Columbus and Baxter Springs.

*Agricultural Statistics.*—Acres in the county, 376,960; taxable acres, 369,739; under

cultivation, 126,165.13; cultivated to taxable acres, 34.12 per cent.: increase of cultivated acres during the year, 26,727.13.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 26,232.50 | 18.00          | 472,185   | \$.92½ | \$436,771.12      |
| Rye.....bu.                   | 126.25    | 18.00          | 2,272     | .62    | 1,408.64          |
| Spring Wheat.....bu.          | 14.00     | 10.00          | 140       | .68    | 95.20             |
| Corn.....bu.                  | 42,322.00 | 42.00          | 1,777,524 | .25    | 408,890.52        |
| Barley.....bu.                | 24.00     | 24.00          | 576       | 1.26   | 725.76            |
| Oats.....bu.                  | 9,194.50  | 33.00          | 303,418   | .20    | 60,683.60         |
| Buckwheat.....bu.             | 65.50     | 18.00          | 1,179     | .95    | 1,020.05          |
| Potatoes, Irish.....bu.       | 608.88    | 100.00         | 60,888    | .80    | 18,116.40         |
| Sweet Potatoes.....bu.        | 113.27    | 160.00         | 18,123    | .80    | 14,498.40         |
| Sorghum.....gall.             | 950.51    | 110.00         | 104,556   | .35    | 36,594.60         |
| Castor Beans.....bu.          | 266.50    | 15.00          | 3,997     | 1.00   | 3,997.00          |
| Cotton.....lbs.               | 194.00    | 200.00         | 38,800    | .10    | 3,880.00          |
| Flax.....bu.                  | 3,600.00  | 8.00           | 28,800    | .95    | 27,360.00         |
| Hemp.....lbs.                 | 5.50      | 750.00         | 4,125     | .65    | 2,681.25          |
| Tobacco.....lbs.              | 21.11     | 700.00         | 14,777    | .08    | 1,182.16          |
| Broom Corn.....lbs.           | 250.50    | 800.00         | 200,400   | .07    | 14,028.00         |
| Millet and Hungarian.....tons | 2,335.62  | 8.00           | 7,007     | 4.00   | 28,028.00         |
| Timothy.....tons              | 274.50    | 1.00           | 274       | 5.50   | 1,512.50          |
| Clover.....tons               | 52.12     | 3.00           | 156       | 5.80   | 904.50            |
| Prairie.....tons              | 6,964.00  | 2.00           | 12,728    | 3.50   | 44,548.00         |

*Dairy Products.*—Cheese manufactured in 1870, 225 lbs.; in 1875, 4,119 lbs.: increase, 3,894 lbs. Butter manufactured in 1870, 95,340 lbs.; in 1875, 143,026 lbs. increase, 47,686 lbs.

*Farm Animals.*—Number of horses, in 1870, 3,561; in 1875, 3,991: increase, 430. Mules and asses, in 1870, 443; in 1875, 699: increase, 256. Cattle, in 1870, 11,080; in 1875, 10,243: decrease, 837. Sheep, in 1870, 2,064; in 1875, 2,528: increase, 464. Swine, in 1870, 5,791; in 1875, 4,310: decrease, 1,481.

*Dogs.*—Number of dogs in the county, 1,585; number of sheep killed by dogs, 250; value of sheep killed by dogs, \$582.50. Number of sheep killed by wolves, 16; value of sheep killed by wolves, \$37.28.

*Horticulture.*—Acres of nurseries, 49.50; orchards, 3,810.50; vineyards, 50.91.

*Apiculture.*—Number of stands of bees, 456. Pounds of honey, 1,648; wax, 71.

*Fences.*—Stone, 391 rods; cost, \$880.87. Rail, 223,114 rods; cost, \$278,892.50. Board, 6,092 rods; cost, \$8,071.90. Wire, 22,900 rods; cost, \$17,175.00. Hedge, 233,870 rods; cost, \$110,935.00. Total rods of fence, 486,367; total cost, \$421,905.27.

*Herd Law.*—The herd law has been in force throughout the whole county since 1872. "It has the effect of opening up the county in small farms, and must ultimately result in the good of the county."

*Water Power.*—The Spring and Neosho rivers furnish excellent powers, as yet but little utilized.

*Manufactures.*—Lowell township, four water-power flouring mills. Shawnee township, two water-power flouring mills and saw mills. There is one cigar manufactory and one brewery at Baxter Springs. At Columbus a water-power flouring mill. At Cherokee, steam spelter mills.

*Banks.*—Banking House of Hobart & Middaugh, Columbus. There are two other banking houses in the county; but there is no information concerning their names or location. The aggregate capital is \$8,500.

*Newspapers.*—There are three weekly papers, the *Baxter Springs Republican*, published at Baxter Springs, and the *Democrat and Courier*, published at Columbus.

*Schools, etc.*—Organized school districts, 90; school houses, 83; value of school buildings and grounds, furniture and apparatus, \$64,650.

*Churches.*—Presbyterian: Organizations 3, membership 60, church edifices 1, valuation \$4,000. Congregational: Organizations 2, membership 45. Baptist: Organizations 7, membership 307. church edifices 2, valuation \$2,500. United Presbyterian: Organizations 2, membership 20, Methodist: Organizations 18, membership, 583, church edifices 1, valuation \$2,000. Episcopal: Organizations 1, membership 7. Catholic: Organizations 2, membership 300, church edifices 1, valuation \$1,000.

*Libraries.*—No returns.

*Lands.*—The unsold lands in this county are shown by the accompanying map.

*Miscellaneous.*—Produce of gardens marketed, \$6,238.00; poultry and eggs sold \$4,281.30. Number of pounds of wool produced, 5,992.

*Wages.*—Farm laborers, per month, with board, \$10 to \$15; laborers in cities or on public improvement, per day, \$1.25; carpenters, per day, \$2.50; bricklayers and stonemasons, per day, \$2.50; printers, per day, \$2; printers, per 1,000 ems, 35 to 40 cents; clerks, per month, \$40.

Unoccupied lands range from \$2 to \$8 per acre.

## CLAY COUNTY.

Organized in 1866. Named in honor of Henry Clay, the distinguished Kentucky Senator; first chosen in 1806, and being a member for the most of the time till 1852, a period of forty-six years. He was a Minister to England and France, and a candidate for President in opposition to President Polk. He died in Washington, in 1852. Square miles, 660. Population to square mile, 10.10. Population in 1860, 163; in 1870, 2,942: increase in ten years, 2,779; population in 1875, 6,672: increase in five years, 3,730: increase in fifteen years, 6,509.

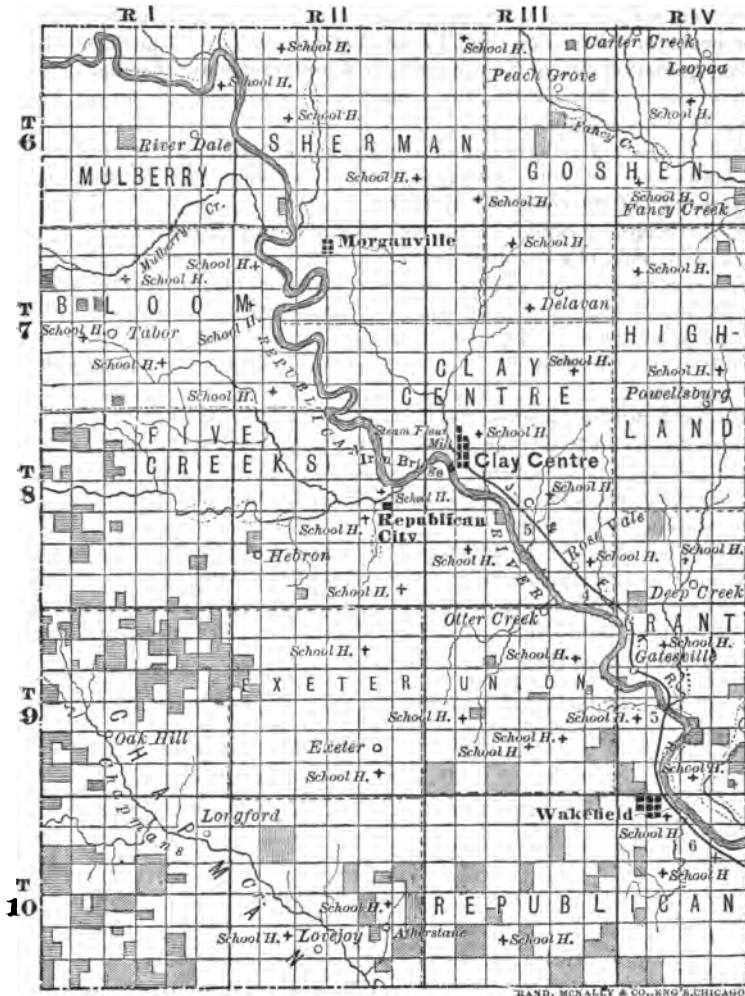
POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Chapman .....         | 625   | Clay Centre.....      | 1,049 | Exeter .....          | 241   |
| Five Creeks.....      | 1,118 | Grant .....           | 344   | Goshen .....          | 603   |
| Highland .....        | 416   | Mulberry.....         | 521   | Republic .....        | 537   |
| Sherman .....         | 915   | Union.....            | 306   | .....                 | ..... |

*Nativity*—Born in the United States, 4,956; in Germany, 234; in Ireland, 82; in England and Wales, 559; in Scotland, 59; in Sweden, Norway and Denmark, 426; in France, 12; in North of Europe, 15; in South of Europe, 72; in British America, 255; in countries not specified, 2.

*Sex.*—Males, 3,577; females, 3,095.

MAP OF CLAY COUNTY, KANSAS, 1875.



M.K. & T.R.R. Lands

Kansas Pacific R.R. Lands

Government Lands

K.S. Agricultural College Lands

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                                            |     |
|--------------------|-------|---------------------|-----|--------------------------------------------|-----|
| Alabama.....       | 8     | Mississippi.....    | 2   | Virginia.....                              | 27  |
| Arkansas.....      | 3     | Missouri.....       | 302 | West Virginia.....                         | 7   |
| California.....    | 12    | Nebraska.....       | 79  | Wisconsin.....                             | 133 |
| Colorado.....      | 4     | Nevada.....         | 1   | Dist. of Columbia and the Territories..... | 9   |
| Connecticut.....   | 37    | New Hampshire.....  | 5   | Germany.....                               | 91  |
| Georgia.....       | 2     | New Jersey.....     | 32  | Ireland.....                               | 8   |
| Illinois.....      | 1,483 | New York.....       | 198 | England and Wales.....                     | 392 |
| Indiana.....       | 306   | North Carolina..... | 5   | Scotland.....                              | 8   |
| Iowa.....          | 915   | Ohio.....           | 209 | Sweden, Norway and Denmark.....            | 160 |
| Kentucky.....      | 40    | Pennsylvania.....   | 253 | France.....                                | 6   |
| Maine.....         | 15    | Rhode Island.....   | 13  | Other North of Europe.....                 | 31  |
| Maryland.....      | 5     | South Carolina..... | 2   | Other South of Europe.....                 | 7   |
| Massachusetts..... | 30    | Tennessee.....      | 29  | British America.....                       | 160 |
| Michigan.....      | 178   | Texas.....          | 13  |                                            |     |
| Minnesota.....     | 62    | Vermont.....        | 40  |                                            |     |

Born in Kansas, 1,846; not otherwise stated, 4.

*Occupation.*—There are 1,538, or 87.6 per cent., engaged in Agriculture; 64, or 3.6 per cent., in Professional and Personal service; 63, or 3.5 per cent., in Trade and Transportation; 90, or 5.1 per cent., in Manufactures and Mining.

*County Seat.*—Clay Centre, the county seat, is 81 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 11 per cent.; upland, 89 per cent.; forest, 4 per cent.; prairie, 96 per cent. Average width of bottoms, three-fourths of a mile; general surface of the country undulating.

*Timber.*—Width of timber belts, from five rods to half a mile. Varieties: cottonwood, elm, oak, black walnut, mulberry, ash, hackberry and locust.

*Principal Streams.*—The Republican river, which flows in a southeasterly direction. There are numerous small streams—Pete's, Five, Timber, Lincoln, Fancy, Otter and other creeks. The county has but few springs; good well water is obtained at an average depth of 30 feet on the bottoms, and from 60 to 75 feet on the uplands.

*Coal.*—Prof. Mudge certifies that a ten-inch surface vein of coal is found in townships No. 6 and 7, in range 1 east, in the northwest corner of the county. It is a very poor quality of lignite coal. No coal is found elsewhere in the county.

*Building Stone, etc.*—The magnesian limestone abounds throughout the county. Fire clay is said to be plenty.

*Railroad Connections.*—The Junction City & Fort Kearney Railroad, operated by the Kansas Pacific Railroad, runs up the valley of the Republican to Clay Centre.

*Agricultural Statistics.*—Acres in the county, 422,400; taxable acres, 142,538; under cultivation, 78,675.91; cultivated to taxable acres, 55.27 per cent.: increase of cultivated acres during the year, 30,538.81.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 11,733.00 | 13.00          | 211,194  | \$.91  | \$192,186.54      |
| Rye.....bu.                   | 3,885.50  | 17.00          | 66,053   | .38    | 25,100.14         |
| Spring Wheat.....bu.          | 13,684.50 | 15.00          | 205,268  | .65    | 133,424.20        |
| Corn.....bu.                  | 21,495.00 | 42.00          | 902,790  | .23    | 207,641.70        |
| Barley.....bu.                | 2,568.25  | 23.00          | 59,070   | .51    | 30,125.70         |
| Oats.....bu.                  | 4,831.25  | 25.00          | 120,781  | .30    | 36,234.30         |
| Buckwheat.....bu.             | 9.00      | 12.00          | 108      | .75    | 81.00             |
| Potatoes, Irish.....bu.       | 388.81    | 100.00         | 38,881   | .29    | 11,275.49         |
| Sweet Potatoes.....bu.        | 21.00     | 160.00         | 3,360    | .94    | 3,158.40          |
| Sorghum.....gall.             | 233.50    | 115.00         | 26,852   | .46    | 12,351.92         |
| Castor Beans.....bu.          | 121.75    | 12.00          | 1,461    | 1.00   | 1,461.00          |
| Cotton.....bs.                | 1.75      | 75.00          | 131      | .08    | 10.48             |
| Flax.....bu.                  | 1,338.75  | 8.00           | 10,710   | 1.06   | 11,352.60         |
| Hemp.....bs.                  | 4.25      | 500.00         | 2,125    | .65    | 1,381.25          |
| Tobacco.....bs.               | 9.25      | 500.00         | 1,125    | .07    | 73.75             |
| Broom Corn.....bs.            | 111.25    | 800.00         | 89,000   | .06    | 5,340.00          |
| Millet and Hungarian.....tons | 946.25    | 2.25           | 2,129    | 3.87½  | 8,249.87          |
| Timothy.....tons              | 53.00     | 1.25           | 66       | 5.00   | 330.00            |
| Clover.....tons               | 82.75     | 2.50           | 207      | 6.00   | 1,242.00          |
| Prairie.....tons              | 2,717.00  | 2.00           | 5,434    | 3.00   | 16,302.00         |

*Dairy Products.*—Cheese manufactured in 1870, 1,975 lbs.; in 1875, 520 lbs.: decrease, 1,455 lbs. Butter manufactured in 1870, 30,070 lbs.; in 1875, 79,424 lbs.: increase, 49,354 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,034; in 1875, 3,045: increase, 2,011. Mules and asses, in 1870, 81; in 1875, 221: increase, 140. Cattle, in 1870,



3,198; in 1875, 7,597: increase, 4,399. Sheep, in 1870, 42; in 1875, 750: increase, 708. Swine, in 1870, 574; in 1875, 2,675: increase, 2,101.

*Dogs.*—Number of dogs in the county, 1,064; number of sheep killed by dogs, 19; value of sheep killed by dogs, \$44.27. Number of sheep killed by wolves, 12; value of sheep killed by wolves, \$27.96.

*Horticulture.*—Acres of nurseries, 21.25; orchards, 418.87; vineyards, 8.

*Apiaculture.*—Number of stands of bees, 2; pounds of wax, 1.

*Fences.*—Stone, 2,512 rods; cost, \$9,420. Rail, 10,426 rods; cost, \$14,075.10. Board, 2,208 rods; cost, \$2,980.80. Wire, 1,500 rods; cost, \$1,050. Hedge, 16,692 rods; cost, \$3,346. Total rods of fence, 33,838; total cost, \$35,871.90.

*Herd Law.*—The herd law has been in force throughout the whole county since May, 1872. "It is a detriment to stock, but a great benefit to farmers; for without this law, farming would be a failure." "We do not see how we could save our crops without this protection."

*Water Powers.*—The county has available water powers, which have not been utilized.

*Manufactures.*—Clay Centre, two steam grist and saw mills, and a water-power saw and grist mill. Fancy Creek, one cigar manufactory. (No further returns under this head.)

*Banks.*—Clay County Bank, J. Higginbotham, Clay Centre.

*Newspapers.*—The *Dispatch*, published weekly, at Clay Centre.

*Schools, etc.*—Organized school districts, 85; school houses, 63; value of school buildings and grounds, furniture and apparatus, \$29,794.

*Churches.*—Presbyterian: Organizations 3, membership 95, church edifices 1, valuation, \$2,800. Congregational: Organizations 1, membership 44. Baptist: Organizations 4, membership 155, church edifices 2, valuation \$4,000. Methodist: Organizations 8, membership 200, parsonage, valuation \$650. Episcopal: Organizations 1, membership 15. Catholic: Organizations 2, membership 200.

*Libraries.*—Of 11 townships, six reported; there is one public library, containing eight volumes, and 99 private libraries, aggregating 8,803 volumes.

*Lands.*—The accompanying map of the county shows the unsold lands.

*Miscellaneous.*—Produce of gardens marketed, \$520; poultry and eggs sold, \$1,882. Number of pounds of wool produced, 1,081.

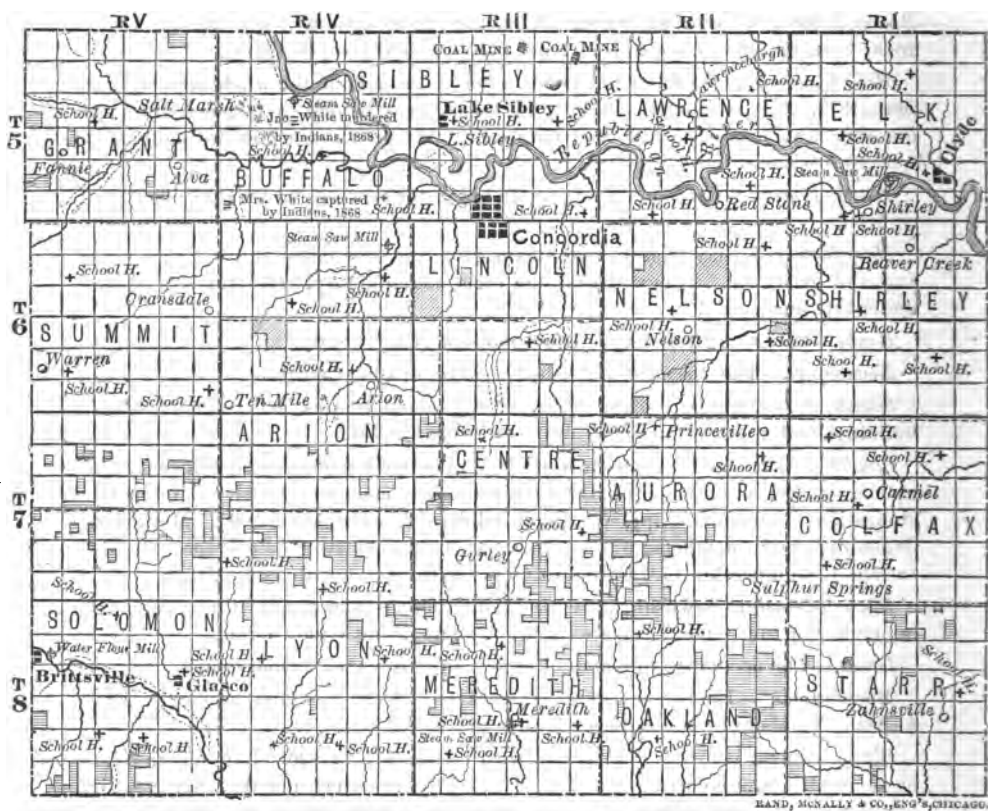
*Wages.*—Farm laborers, per month, with board, \$12 to \$20. Laborers in cities or on public improvements, per day, \$1 to \$2; carpenters, per day, \$2 to \$3.50; bricklayers and stonemasons, per day, \$2 to \$3.50; house painters, per day, \$2 to \$3; wagon makers, per day, \$2 to \$3; blacksmiths, per day, \$2 to \$3; shoemakers, per day, \$1 to \$2.50; harness makers, per day, \$1 to \$2; printers, per day, \$1 to \$2; clerks, per month, \$20 to \$75; tanners, per day, \$2 to \$3.

The price of vacant lands range from \$3 to \$7 per acre.

## CLOUD COUNTY.

Organized in 1866. Named in honor of William F. Cloud, Colonel of the Second Regiment of Kansas Volunteers (cavalry), during the late war. Square miles, 720; population to square mile, 9.95. Population in 1870, 2,323; population in 1875 7,170; increase in five years, 4,847.

MAP OF CLOUD COUNTY, KANSAS, 1875.



M.K. & T.R.R. Lands

Government Lands

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Arion .....           | 351  | Aurora .....          | 313  | Buffalo .....         | 388  |
| Centre .....          | 333  | Colfax .....          | 340  | Elk .....             | 577  |
| Grant .....           | 275  | Lawrence .....        | 355  | Lincoln .....         | 635  |
| Lyon .....            | 468  | Meredith .....        | 338  | Nelson .....          | 387  |
| Oakland .....         | 161  | Shirley .....         | 592  | Sibley .....          | 356  |
| Starr .....           | 260  | Solomon .....         | 541  | Summit .....          | 500  |

*Nativity.*—Born in the United States, 60.77; in Germany, 124; in Ireland, 109; in England and Wales, 126; in Scotland, 35; in Sweden, Norway and Denmark, 235; in France, 36; in North of Europe, 29; in South of Europe, 18; in British America, 375; in countries not specified, 6.

*Sex.*—Males, 3,817; females, 3,353.

## WHERE FROM TO KANSAS.

|                     |       |                     |     |                             |     |
|---------------------|-------|---------------------|-----|-----------------------------|-----|
| Arkansas .....      | 7     | Michigan .....      | 244 | Virginia .....              | 42  |
| California .....    | 16    | Minnesota .....     | 101 | West Virginia .....         | 102 |
| Colorado .....      | 20    | Missouri .....      | 499 | Wisconsin .....             | 327 |
| Connecticut .....   | 5     | Nebraska .....      | 317 | Dist. of Columbia and the   |     |
| Delaware .....      | 1     | Nevada .....        | 4   | Territories .....           | 21  |
| Florida .....       | 1     | New Hampshire ..... | 3   | Germany .....               | 27  |
| Georgia .....       | 15    | New Jersey .....    | 15  | Ireland .....               | 9   |
| Illinois .....      | 1,440 | New York .....      | 232 | England and Wales .....     | 21  |
| Indiana .....       | 428   | Ohio .....          | 256 | Sweden, Norway and Den-     |     |
| Iowa .....          | 1,194 | Oregon .....        | 5   | mark .....                  | 114 |
| Kentucky .....      | 49    | Pennsylvania .....  | 109 | France .....                | 8   |
| Louisiana .....     | 2     | Rhode Island .....  | 10  | Other North of Europe ..... | 9   |
| Maine .....         | 34    | Tennessee .....     | 13  | Other South of Europe ..... | 9   |
| Maryland .....      | 2     | Texas .....         | 3   | British America .....       | 66  |
| Massachusetts ..... | 13    | Vermont .....       | 4   | .....                       |     |

Born in Kansas, 1,369; not otherwise stated, 4.

*Occupation.*—There are 1,626, or 84.9 per cent., engaged in Agriculture; 119, or 6.2 per cent., in Professional and Personal service; 51, or 2.6 per cent., in Trade and Transportation; 118, or 6.1 per cent. in Manufactures and Mining.

*County Seat.*—Concordia, the county seat, is 111 miles in an air line from Topeka, in a northwesterly direction.

*Face of the Country.*—Bottom land, 10 per cent.; upland, 90 per cent.; forest, 3 per cent.; prairie, 97 per cent. Average width of bottoms—of the Republican river, four miles, of the Solomon, 8 miles; general surface of the country, except the river bottoms, undulating.

*Timber.*—Average width of timber belts, 10 to 80 rods—confined to the streams. Varieties: oak, cottonwood, ash, hackberry, mulberry, elm.

*Principal Streams.*—Republican river runs in a southeastern direction, through the northern part of the county; tributaries, on the north, Camp, Hay, Salt, Little Upton and Elk creeks; on the south, Mulberry, Beaver, Elm, Plum, Oak, Lost and Buffalo creeks. Solomon river crosses the southwestern corner of the county, in a southeasterly direction; tributaries, Lost, Asher, Fisher, Yockey, Criss, Mortimer, and Pipe creeks. Chapman creek, a tributary of the Kansas river, has its source in the southeastern township of the county. The county is not largely supplied with springs; wells vary in depth from 10 to 100 feet.

*Coal.*—Prof. B. F. Mudge certifies that coal underlies half the county, near the surface, in veins from fifteen to thirty inches in thickness. Its use is local, and it sells for from \$2 to \$3 per ton. It is lignite coal. W. E. Reid states that this coal is mined in sections 1, 2 and 3, in town 5, of range 8 west. The veins run in from deep ravines, at a depth of about twenty-five feet below the general surface. About 500 tons have been mined during the past year.

*Building Stone, etc.*—Fossiliferous lime and sandstone found generally throughout the county; quality rather poor. There are two salt springs, and pottery clay is found in various localities.

*Railroad Connections.*—There are no railroads in the county.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 119,870; under cultivation, 85,211.42; cultivated to taxable acres, 71.08 per cent.: increase of cultivated acres during the year, 32,167.42.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE.  | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|---------|-------------------|
| Winter Wheat.....bu.          | 5,421.00  | 18.00          | 97,578   | \$ .67½ | \$ 65,865.15      |
| Rye.....bu.                   | 3,527.00  | 20.00          | 70,540   | .25     | 17,635.00         |
| Spring Wheat.....bu.          | 16,771.50 | 15.00          | 251,572  | .40     | 100,628.80        |
| Corn.....bu.                  | 23,034.00 | 42.00          | 925,428  | .22     | 203,594.16        |
| Barley.....bu.                | 2,390.75  | 23.00          | 52,687   | .45     | 23,709.15         |
| Oats.....bu.                  | 4,317.50  | 25.00          | 107,937  | .22     | 23,746.14         |
| Buckwheat.....bu.             | 26 25     | 12.00          | 315      | .70     | 220.50            |
| Potatoes, Irish.....bu.       | 476.53    | 100.00         | 47,653   | .25     | 11,913.25         |
| Sweet Potatoes.....bu.        | 22.73     | 100.00         | 2,273    | .62½    | 1,420.62          |
| Sorghum.....gall.             | 263.90    | 115.00         | 30,348   | .50     | 15,174.00         |
| Castor Beans.....bu.          | 31.16     | 12.00          | 374      | 1.00    | 374.00            |
| Cotton.....bs.                | .25       | 75.00          | 19       | .07     | 1.33              |
| Flax.....bu.                  | 200.75    | 9.00           | 1,807    | 1.00    | 1,807.00          |
| Hemp.....bs.                  |           |                |          |         |                   |
| Tobacco.....bs.               | 1.63      | 500.00         | 810      | .06½    | 52.65             |
| Broom Corn.....bs.            | 17.50     | 8.30           | 14,350   | .05     | 717.50            |
| Millet and Hungarian.....tons | 665.63    | 3.00           | 1,997    | 3.50    | 6,988.50          |
| Timothy.....tons              | 10.24     | 1.25           | 13       | 5.00    | 65.00             |
| Clover.....tons               | 2.87      | 2.50           | 7        | 5.00    | 35.00             |
| Prairie.....tons              | 92.13     | 2.00           | 18,426   | 3.00    | 55,278.00         |

## LARGE YIELDS.—

Statement of C. W. McDonald, of Concordia:

*Spring Wheat:* I plowed the ground in the fall, and sowed broadcast on the 15th of March, and harrowed and rolled the ground. The variety sown was the "Big Tea." The land is black sandy loam, prairie bottom, and has been in cultivation three years. The first crop was corn, the second oats, the third wheat. I harvested the crop on the 15th of July, and obtained 527 bushels from 25 acres, or over 21 bushels per acre. As I kept no separate account, I cannot give a statement of the cost.

Statement of William B. Brisbin, of Nelson:

*Spring Wheat:* I broke the prairie in the latter part of May, 1874, and on the 25th of the ensuing March, sowed the variety known as Black Sea wheat. Harvested July 10th, and the yield was 20 bushels per acre. The soil is clay, with some sand, on high prairie. I harrowed in the wheat without plowing the ground. The cost of producing, per acre, is as follows:

|                                               |        |
|-----------------------------------------------|--------|
| Seed, 2 bushels, at 75 cents per bushel ..... | \$1.50 |
| Sowing .....                                  | .15    |
| Harrowing, five times .....                   | 1.25   |
| Harvesting .....                              | 2.00   |
| Stacking .....                                | .75    |
| Threshing .....                               | 1.70   |
| Board .....                                   | 1.40   |

Total.....\$8.75

*Corn:* I planted corn on land upon which five crops had been raised. The soil was sandy loam on bottom land. I planted April 28th, and harvested in October. The yield was 70 bushels per acre. Total cost of producing, per acre, \$6.17.

*Remark:* My experience teaches me that early planting is the best, and also that fruit and forest trees can be successfully grown in this part of the State.

Statement of W. J. Campbell, of Concordia:

*Barley:* On the 26th of March, I sowed barley on ground on which five crops had previously been raised. The soil was black, sandy river bottom. I harvested the barley on the 7th day of July, and it averaged over 33 bushels to the acre.

*Spring Wheat:* On the 13th and 29th of March I sowed "Rio Grande" spring wheat on ground broken in December previous. Part of this was harrowed in, and part plowed in with a two-horse cultivator. On the 12th and 14th of July I harvested the crop, and it yielded 23 bushels per acre—63 lbs. to the bushel. Total cost per acre, \$5.50.

*Potatoes:* April 24th, I planted Early Rose potatoes on ground on which one crop of potatoes had been grown the previous year. I plowed the ground seven inches deep, and marked out with a stirring plow in rows four feet apart. The potatoes were dropped 18 inches apart in the drill. They were plowed once with a double-shovel, and hoed. I harvested, on the 25th of October, 300 bushels per acre, or over 49 bushels to one bushel of seed.

The cost of producing was as follows:

|                                       |         |
|---------------------------------------|---------|
| Plowing, per acre.....                | \$2.00  |
| Seed, 9 bushels at \$1.50 per bu..... | 13.50   |
| Cutting and preparing seed.....       | 1.00    |
| Planting.....                         | 3.00    |
| Cultivating and hoeing.....           | 5.00    |
| Harvesting.....                       | 14.41   |
| Total.....                            | \$38.91 |

Part of the field was hilled with a stirring plow, and that part yielded one-third more than the part which was not hilled.

Statement of Charles Farmer, Meredith:

*Corn:* Planted May 4th, common Kansas corn, three kernels in the hill, cultivated, with two-horse cultivator and with the hoe, five and one-half acres upland prairie, black loam, and cribbed 500 bushels of corn.

*Potatoes from Balls:* I planted on the 26th of March last, two bushels and a peck of potatoes, on one acre of ground, the seed being from potato balls, three times planted, from Early Rose potatoes, and raised on the one acre 330 bushels of potatoes of a prime quality.

*Dairy Products.*—Cheese manufactured in 1870, 1,000 lbs.; in 1875, 675 lbs.: decrease, 325 lbs. Butter manufactured in 1870, 25,871 lbs.; in 1875, 107,879 lbs.: increase, 82,008 lbs.

*Farm Animals.*—Number of horses, in 1870, 894; in 1875, 2,768: increase, 1,869. Mules and asses, in 1870, 113; in 1875, 285: increase, 172. Cattle, in 1870, 2,965; in 1875, 6,326: increase, 3,361. Sheep, in 1870, 614; in 1875, 1,516: increase, 902. Swine, in 1870, 637; in 1875, 3,729: increase, 3,092.

*Dogs.*—Number of dogs in the county, 1,051; number of sheep killed by dogs, 20; value of sheep killed by dogs, \$46.60. Number of sheep killed by wolves, 1; value of sheep killed by wolves, \$2.33.

*Horticulture.*—Acres of nurseries, 11.75; orchards, 874.75; vineyards, 1.25.

*Fences.*—Stone, 491 rods; cost, \$1,350.25. Rail, 8,284 rods; cost, 11,188.40. Board, 1,617 rods; cost, \$2,668.05. Wire, 1,000 rods; cost, \$850. Hedge, 6,222 rods; cost, \$3,266.55. Total rods of fence, 17,614; total cost, \$19,818.25.

*Herd Law.*—The herd law has been in force throughout the whole county since 1869. It tends greatly to promote the settlement of the county, because the scarcity of timber prevents any great amount of fencing. "Some few claim that it is detrimental to the cattle interest."

*Water Powers.*—There are good water powers. A dam is being constructed on the Republican.

*Manufactures.*—Buffalo township, one saw mill; capital \$1,000. Lincoln township, steam saw and grist mill, capital \$4,000. Meredith township, steam saw mill, capital \$1,000. Solomon township, water-power flour and saw mill, capital \$1,300; steam saw mill, capital \$1,000. In Elk township, a steam saw mill. City of Concordia, one water-power flouring mill, a steam flour mill, a carriage and wagon factory, and one brewery. Several salt springs are found in the county, and a company has been organized to test the practicability of salt manufacture.

*Banks.*—There are none.

*Newspapers.*—There are two weekly papers published at Concordia, the *Concordia Empire* and *Expositor*.

*Schools, etc.*—Organized school districts, 83; school houses, 41; value of school buildings and grounds, furniture and apparatus, \$37,982. There is a parochial school at Beaver Creek, under the auspices of the Catholic church. A State Normal school is located at Concordia.

*Churches.*—Presbyterian: Organizations 5, membership 165, church edifices 2, valuation \$7,500. Baptist: Organizations 3, membership 120, church edifices 1, valuation \$2,500. Methodist: Organizations 8, membership 150. Episcopal: Membership 8. Catholic: Organizations 4, membership 1,000.

*Libraries.*—Reports from five townships give 106 private libraries, containing 2,686 volumes.

*Lands.*—The accompanying map shows the unsold lands in this county.

*Miscellaneous.*—Produce of gardens marketed, \$245; poultry and eggs sold, \$1,152.80. Number of pounds of wool produced, \$6,968.

*Wages.*—Farm laborers, per month, with board, \$12 to \$25; laborers in cities, or on public improvements, per day, \$1 to \$1.50; carpenters, per day, \$2.50 to \$3; bricklayers and stonemasons, per day, \$3 to \$4; house painters, per day, \$3 to \$4; wagon makers, per day, \$2.50 to \$3; blacksmiths, per day, \$2.50 to \$3; shoemakers, per day, \$2 to \$2.50; harness makers, per day, \$2 to \$2.50; printers, per day, \$2 to 2.50; clerks, per month, \$20 to \$100.

Vacant lands sell from \$1.50 to \$8 per acre.

## COFFEY COUNTY.

Organized in 1859. Named in honor of Col. A. M. Coffey, a member of the first Territorial Legislative Council. Square miles, 648. Population to square mile, 11.16. Population in 1860, 2,842; in 1870, 6,201: increase in ten years, 3,359; population in 1875, 7,235: increase in five years, 1,034: increase in fifteen years, 4,393.

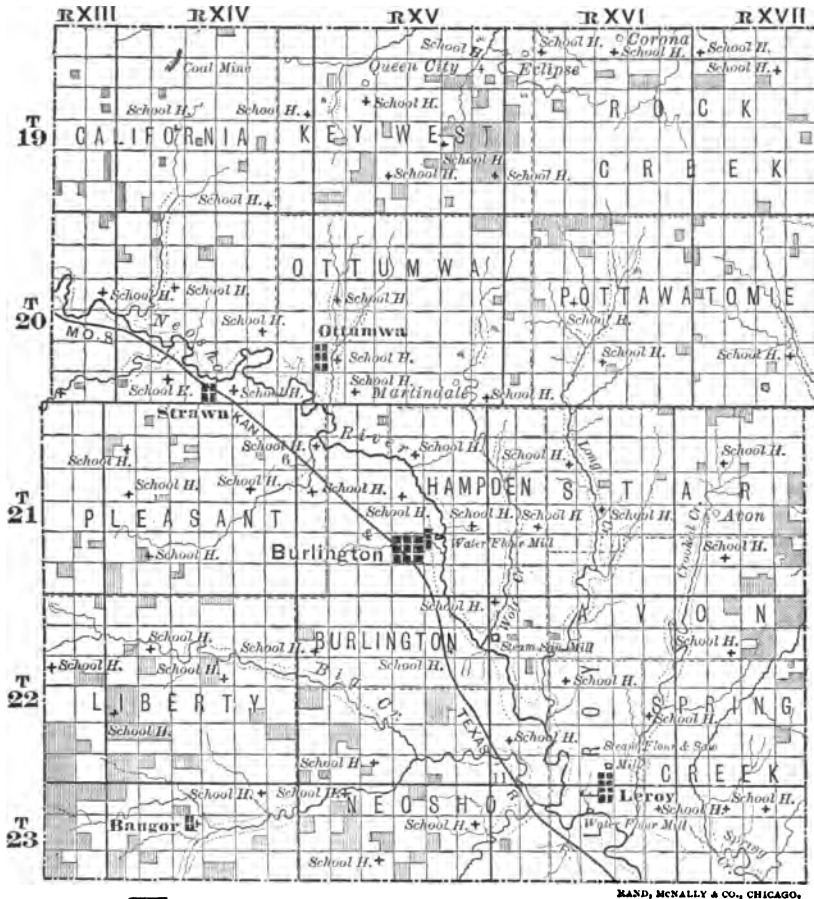
POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES.   | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-------------------------|------|-----------------------|------|
| Avon.....             | 383  | City of Burlington..... | 975  | Burlington.....       | 467  |
| California.....       | 438  | Hampden.....            | 495  | Key West.....         | 270  |
| Le Roy.....           | 727  | Liberty.....            | 483  | Neosho.....           | 542  |
| Ottumwa.....          | 535  | Pleasant.....           | 668  | Pottawatomie.....     | 305  |
| Rock Creek.....       | 312  | Spring Creek.....       | 375  | Starr.....            | 265  |

*Nativity.*—Born in the United States, 6,793; in Germany, 132; in Ireland, 68; in England and Wales, 144; in Scotland, 11; in Sweden, Norway and Denmark, 14; in France, 19; in North of Europe, 3; in South of Europe, 2; in British America, 48; in countries not specified, 1.

*Sex.*—Males, 3,794; females, 3,441.

MAP OF COFFEY COUNTY, KANSAS, 1875.



 M.K. & T.R.R. Lands.

 L.L. & G.R.R. Lands.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                            |     |
|--------------------|-------|---------------------|-----|----------------------------|-----|
| Alabama.....       | 1     | Mississippi.....    | 8   | West Virginia.....         | 5   |
| Arkansas.....      | 54    | Missouri.....       | 522 | Wisconsin.....             | 117 |
| California.....    | 28    | Nebraska.....       | 36  | Dist. of Columbia and the  |     |
| Colorado.....      | 7     | New Hampshire.....  | 9   | Territories.....           | 18  |
| Connecticut.....   | 14    | New Jersey.....     | 14  | Germany.....               | 33  |
| Illinois.....      | 1,310 | New York.....       | 95  | Ireland.....               | 2   |
| Indiana.....       | 976   | North Carolina..... | 18  | England and Wales.....     | 25  |
| Iowa.....          | 635   | Ohio.....           | 645 | Scotland.....              | 6   |
| Kentucky.....      | 212   | Oregon.....         | 2   | Sweden, Norway and Den-    |     |
| Louisiana.....     | 1     | Pennsylvania.....   | 144 | mark.....                  | 2   |
| Maine.....         | 7     | Tennessee.....      | 39  | France.....                | 2   |
| Massachusetts..... | 25    | Texas.....          | 10  | Other South of Europe..... | 1   |
| Michigan.....      | 181   | Vermont.....        | 17  | British America.....       | 10  |
| Minnesota.....     | 15    | Virginia.....       | 48  |                            |     |

Born in Kansas, 1,921; not otherwise stated, 20.

*Occupation.*—There are 1,406, or 77.8 per cent., engaged in Agriculture; 128, or 7

per cent., in Professional and Personal service; 96, or 5.3 per cent., in Trade and Transportation; 175, or 9.1 per cent., in Manufactures and Mining.

*County Seat.*—Burlington, the county seat, is 59 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 13 per cent.; upland, 87 per cent.; forest, 8 per cent.; prairie, 92 per cent. Average widths of bottoms, two miles. General surface of the country, undulating.

*Timber.*—Average width of timber belts,  $1\frac{1}{2}$  miles. Varieties: hickory, walnut, ash, oak, sycamore, hackberry, etc.

*Principal Streams.*—The Neosho river is the principal stream, running from northwest to southeast; its tributaries are Spring, Long, Wolf, Turkey, Big, Rock, Lebo, Crooked and Crow creeks; general direction, southwardly, southeasterly or southwesterly. There are, besides, Pottawatomie and other small streams. Good well water obtained at a depth of 20 feet.

*Coal.*—Coal is supposed to underlie nearly the entire area of the county. Thickness of vein, 15 inches, ranging from the surface to a depth of 100 feet; quality, good; mainly used, as yet, for domestic purposes, but some is shipped on the Missouri, Kansas & Texas Railroad.

*Building Stone, etc.*—There are good quarries (variety not given) near Burlington. Gypsum is reported to abound in the northern part of the county, but none has been developed.

*Railroad Connections.*—The Missouri, Kansas & Texas Railroad enters the county on the west, running in a southeasterly direction, leaving the county near its southeastern corner. Principal station, Burlington, the county seat.

*Agricultural Statistics.*—Acres in the county, 414,720; taxable acres, 385,931; under cultivation, 59,768.11; cultivated to taxable acres, 16 per cent.: decrease of cultivated acres during the year, 1,048.89.

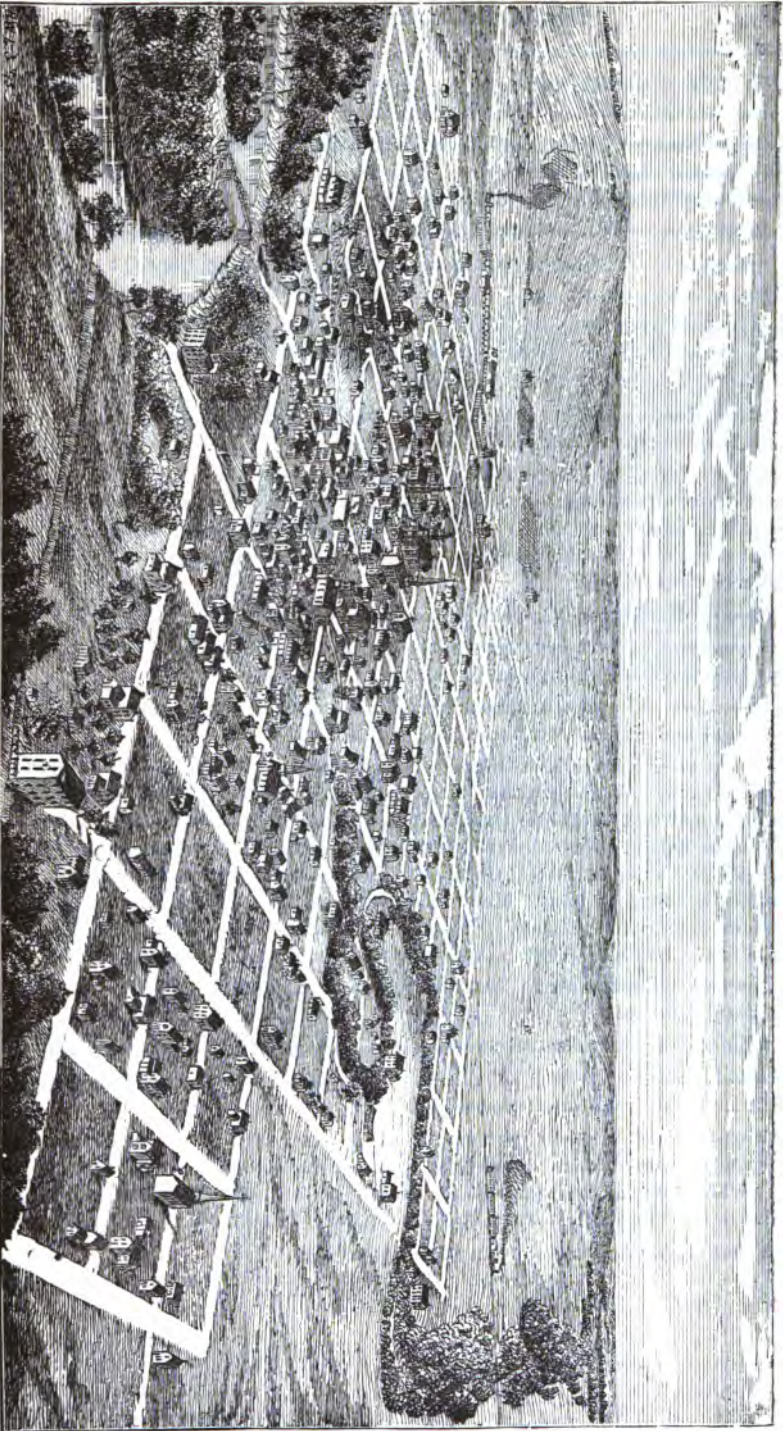
ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | Price. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 4,408.00  | 20.00          | 88,160    | \$1.05 | \$ 93,568.00      |
| Rye.....bu.                   | 298.50    | 22.00          | 6,567     | .60    | 3,940.20          |
| Spring Wheat.....bu.          | 123.50    | 12.00          | 1,482     | .62    | 918.84            |
| Corn.....bu.                  | 26,765.00 | 42.00          | 1,124,130 | .20    | 224,826.00        |
| Barley.....bu.                |           |                |           |        |                   |
| Oats.....bu.                  | 5,366.00  | 38.00          | 203,908   | .25    | 50,977.00         |
| Buckwheat.....bu.             | 14.50     | 20.00          | 290       | .85    | 246.50            |
| Potatoes, Irish.....bu.       | 576.34    | 105.00         | 60,516    | .28    | 16,944.48         |
| Sweet Potatoes.....bu.        | 15.39     | 170.00         | 2,616     | .90    | 2,354.40          |
| Sorghum.....gall.             | 447.12    | 125.00         | 55,890    | .45    | 25,150.50         |
| Castor Beans.....bu.          | 420.12    | 14.00          | 5,882     | 1.05   | 6,176.10          |
| Cotton.....lbs.               | 2.37      | 150.00         | 355       | .09    | 31.95             |
| Flax.....bu.                  | 2,090.00  | 10.00          | 20,900    | 1.10   | 22,990.00         |
| Hemp.....lbs.                 |           |                |           |        |                   |
| Tobacco.....lbs.              | 10.75     | 700.00         | 7,525     | .07    | 526.75            |
| Broom Corn.....lbs.           | 104.22    | 875.00         | 91,192    | .08    | 7,295.36          |
| Millet and Hungarian.....tons | 685.25    | 3.00           | 2,056     | 4.00   | 8,224.00          |
| Timothy.....tons              | 369.50    | 1.25           | 462       | 6.00   | 2,772.00          |
| Clover.....tons               | 213.50    | 3.00           | 640       | 5.50   | 3,520.00          |
| Prairie.....tons              | 11,395.75 | 2.00           | 22,791    | 3.00   | 68,373.00         |

*Dairy Products.*—Cheese manufactured in 1870, 1,000 lbs.; in 1875, 2,974 lbs.: increase, 1,974 lbs. Butter manufactured in 1870, 140,602 lbs.; in 1875, 174,515 lbs.: increase, 33,913 lbs.

*Farm Animals.*—Number of horses in 1870, 2,762; in 1875, 3,338: increase, 576. Mules and asses. in 1870, 187; in 1875 420: increase, 233. Cattle, in 1870, 9,706; in





BIRDEYE VIEW OF BURLINGTON.

1875, 16,227: increase, 6,521. Sheep, in 1870, 11,917; in 1875, 4,439: decrease, 7,478. Swine, in 1870, 2,855; in 1875, 3,661: increase, 806.

*Dogs.*—Number of dogs in the county, 1,206; number of sheep killed by dogs, 116; value of sheep killed by dogs, \$270.28. Number of sheep killed by wolves, 36; value of sheep killed by wolves, \$83.88.

*Horticulture.*—Acres of nurseries, 33.75; orchards, 2,431.90; vineyards, 63.97.

*Apiaculture.*—Number of stands of bees, 255; pounds of honey, 1,165; wax, 73.

*Fences.*—Stone, 6,544 rods; cost, \$19,632. Rail, 182,548 rods; cost, \$232,748.70. Board, 72,987 rods; cost, 96,707.77. Wire, 26,200 rods; cost, 17,685. Hedge, 104,421 rods; cost, \$54,351.13. Total rods of fence, 392,700; total cost, \$421,124.60.

*Herd Law.*—The herd law not in force.

*Water Powers.*—There are a number of fine water powers on the Neosho, but they have been but little developed comparatively.

*Manufactures.*—Burlington township, steam flouring mill, capital, \$20,000; two steam saw mills; same township, water flouring mill, capital \$55,000. Hampden township, steam saw mill, capital \$3,500. Leroy township, steam flouring mill, water flouring mill and brewery, capital \$17,500; steam saw mill. At Strawn, a water-power saw mill.

*Banks.*—Burlington National Bank, at Burlington.

*Newspapers.*—There are two weekly papers, the *Burlington Patriot* and *Independent*, published in Burlington.

*Schools, etc.*—Organized school districts, 63; school houses, 63; value of school buildings and grounds, furniture and apparatus, \$86,700.

*Churches.*—Presbyterian: Organizations 3, membership 45, church edifices 1, valuation \$1,200. Congregational: Organization 1, membership 56, church edifices 1, valuation \$3,000. Baptist: Organizations 8, membership 207, church edifices 2, valuation \$6,000. United Presbyterian: Organizations 1, membership 85, church edifices 1, valuation \$800. Catholic: Organizations 2, membership 350, church edifices 1, valuation \$900. Methodist: Organizations 18, membership 374, church edifices 3, valuation \$7,500. Episcopal: Organizations 1, membership 46, church edifices 1, valuation \$8,000. Universalist: Organizations 1, membership 17.

*Libraries.*—Reports from this county show two public and 95 private libraries, with 10,771 volumes.

*Lands.*—Unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$1,855; poultry and eggs sold \$3,767. Pounds of wool produced, 22,996.

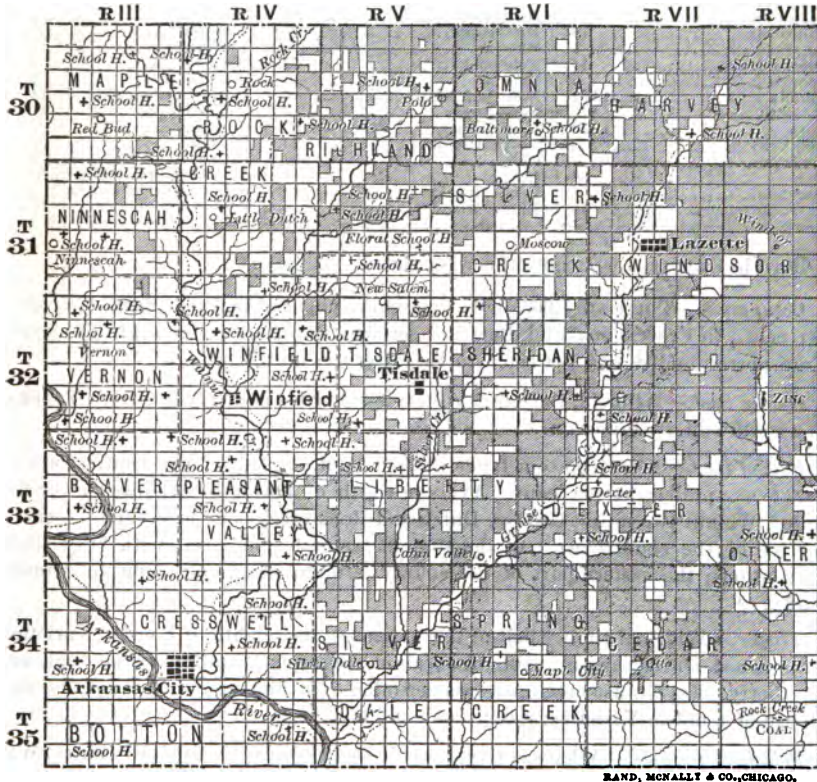
*Wages.*—Farm laborers, per month, with board, \$13 to 16; laborers in cities or on public improvements, per day, \$1 to \$1.50; carpenters, per day, \$2 to \$3; bricklayers and stonemasons, \$2 to \$3.50; house painters, \$2.50 to \$3.50; wagonmakers, \$2.50 to \$3; blacksmiths, \$3 to \$4; shoemakers, \$2 to 3.

Vacant lands are held at from \$2 to \$8 per acre.

## COWLEY COUNTY.

Organized in 1870. Named in honor of Matthew Cowley, First Lieut. of Co. I, Ninth Kansas Cavalry, who died in the service, August, 1864, at Little Rock, Arkansas. Square miles, 1,112. Population to square mile, 8.06. Population in 1870, 1,175; population in 1875, 8,963: increase in five years, 7,788.

MAP OF COWLEY COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|-------|-----------------------|------|-----------------------|------|
| Beaver .....          | 376   | Bolton .....          | 537  | Cedar .....           | 200  |
| Cresswell .....       | 727   | Dexter .....          | 410  | Harvey .....          | 231  |
| Liberty .....         | 293   | Maple .....           | 257  | Ninnescah .....       | 266  |
| Omnia .....           | 133   | Otter .....           | 427  | Pleasant Valley ..... | 291  |
| Richland .....        | 545   | Rock Creek .....      | 659  | Sheridan .....        | 284  |
| Silver Creek .....    | 242   | Silver Dale .....     | 301  | Spring Creek .....    | 218  |
| Tisdale .....         | 387   | Vernon .....          | 512  | Windsor .....         | 416  |
| Winfield .....        | 1,201 |                       |      |                       |      |



*Nativity.*—Born in the United States, 8,550; in Germany, 91; in Ireland, 59; in England and Wales, 75; in Scotland, 20; in Sweden, Norway and Denmark, 22; in France, 8; in North of Europe, 2; in Italy, 4; in South of Europe, 8; in British America, 119; in countries not specified, 5.

*Sex.*—Males, 4,839; females, 4,124.

#### WHERE FROM TO KANSAS.

|                    |       |                     |       |                              |     |
|--------------------|-------|---------------------|-------|------------------------------|-----|
| Alabama.....       | 9     | Michigan.....       | 142   | Tennessee.....               | 69  |
| Arkansas.....      | 57    | Minnesota.....      | 89    | Texas.....                   | 56  |
| California.....    | 18    | Mississippi.....    | 11    | Vermont.....                 | 2   |
| Colorado.....      | 7     | Missouri.....       | 1,809 | Virginia.....                | 38  |
| Connecticut.....   | 14    | Nebraska.....       | 52    | West Virginia.....           | 17  |
| Georgia.....       | 5     | Nevada.....         | 10    | Wisconsin.....               | 191 |
| Illinois.....      | 1,891 | New Hampshire.....  | 3     | Dist. of Columbia and the    |     |
| Indiana.....       | 911   | New Jersey.....     | 13    | Territories.....             | 25  |
| Iowa.....          | 1,150 | New York.....       | 83    | Germany.....                 | 10  |
| Kentucky.....      | 353   | North Carolina..... | 25    | Ireland.....                 | 3   |
| Louisiana.....     | 4     | Ohio.....           | 492   | England and Wales.....       | 8   |
| Maine.....         | 38    | Oregon.....         | 8     | Sweden, Norway, Denmark..... | 2   |
| Maryland.....      | 8     | Pennsylvania.....   | 123   | Other South of Europe.....   | 2   |
| Massachusetts..... | 18    | Rhode Island.....   | 2     | British America.....         | 71  |

Born in Kansas, 1,607; not otherwise stated, 23.

*Occupation.*—There are 1,969, or 82.1 per cent., engaged in Agriculture; 176, or 7.3 per cent.; in Professional and Personal service; 84, or 3.5 per cent., in Trade and Transportation 168, or 7 per cent., in Manufactures and Mining.

*County Seat.*—Winfield, the county seat, is 144 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom lands, 33 per cent.; upland, 6 per cent.; forest, 6 per cent.; prairie, 94 per cent. Average width of bottoms—Arkansas river five miles, Walnut two miles, Grouse, Dutch and Rock creeks one mile each. General surface of the country west of the Walnut, smooth and level, with very slight undulations; the eastern part of the county is undulating, and along the streams bluffy.

*Timber.*—Width of timber belt of the Arkansas, one-eighth of a mile. Varieties: cottonwood and sycamore. On the Walnut, one quarter-mile; walnut, oak and hackberry. On Grouse creek, one quarter-mile. On Timber and Rock creeks, one-eighth of a mile. Varieties: walnut, oak and hackberry.

*Principal Streams.*—Arkansas river, running southeast; principal tributaries, Walnut and Grouse, running south. Tributaries of the Walnut are Rock, Dutch and Timber creeks; direction, southwest. Tributary to Grouse, Silver creek; direction, southeast. The county is well supplied with springs. Good well water, east of Walnut, 15 to 25 feet; west of Walnut, 15 to 40 feet.

*Coal.*—Coal is stated to have been found in the southeastern part of the county, but none has been developed.

*Building Stone, etc.*—East of the Arkansas, inexhaustible quantities of best quality magnesia limestone are found.

*Railroad Connections.*—No railroads yet constructed.

*Agricultural Statistics.*—Acres in the county, 718,080; taxable acres, 358,923; under cultivation, 101,808.33; cultivated to taxable acres, 28.22 per cent.: increase of cultivated acres during the year, 32,180.33. ✓

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 24,652.00 | 22.00          | 542,344   | \$.85  | \$460,992.40      |
| Rye.....bu.                   | 1,296.50  | 22.00          | 28,533    | .50    | 14,261.50         |
| Spring Wheat.....bu.          | 59.25     | 14.00          | 829       | .73    | 605.17            |
| Corn.....bu.                  | 42,218.00 | 42.00          | 1,773,156 | .20    | 354,631.20        |
| Barley.....bu.                | 22.25     | 25.00          | 556       | 1.18   | 656.08            |
| Oats.....bu.                  | 3,714.25  | 35.00          | 129,999   | .20    | 25,999.80         |
| Buckwheat.....bu.             | 10.00     | 20.00          | 200       | .70    | 140.00            |
| Potatoes, Irish.....bu.       | 522.18    | 120.00         | 66,662    | .25    | 15,665.50         |
| Sweet Potatoes.....bu.        | 39.46     | 175.00         | 6,905     | .80    | 5,524.00          |
| Sorghum.....gall.             | 548.06    | 125.00         | 68,507    | .40    | 27,402.80         |
| Castor Beans.....bu.          | 77.87     | 16.00          | 1,246     | 1.00   | 1,246.00          |
| Cotton.....br.                | 67.41     | 200.00         | 13,482    | .08    | 1,078.56          |
| Flax.....bu.                  | 165.50    | 11.00          | 1,820     | 1.00   | 1,820.00          |
| Hemp.....lbs.                 |           |                |           |        |                   |
| Tobacco.....lbs.              | 6.87      | 700.00         | 4,809     | .06    | 288.54            |
| Broom Corn.....lbs.           | 39.99     | 900.00         | 31,992    | .05    | 1,599.60          |
| Millet and Hungarian.....tons | 632.25    | 2.62           | 1,656     | 4.00   | 6,624.00          |
| Timothy.....tons              | 13.12     | 1.25           | 16        | 6.00   | 96.00             |
| Clover.....tons               | 4.62      | 2.50           | 12        | 6.00   | 72.00             |
| Prairie.....tons              | 5,679.00  | 2.00           | 11,358    | 2.80   | 31,802.42         |

*Dairy Products.*—Cheese manufactured in 1875, 300 lbs. Butter manufactured in 1870, 4,412 lbs.; in 1875, 161,082 lbs.: increase, 156,670 lbs.

*Farm Animals.*—Number of horses, in 1870, 791; in 1875, 3,736: increase, 2,945. Mules and asses, in 1870, 60; in 1875, 569: increase, 509. Cattle, in 1870, 1,918; in 1875, 11,876: increase, 9,959. Sheep, in 1870, 1,130; in 1875, 1,726: increase, 596. Swine, in 1870, 234; in 1875, 8,092: increase, 7,858.

*Dogs.*—Number of dogs in the county, 1,477; number of sheep killed by dogs, 13; value of sheep killed by dogs, \$30.29. Number of sheep killed by wolves, 12; value of sheep killed by wolves, \$27.96.

*Horticulture.*—Acres of nurseries, 255.18; orchards, 1,795.12; vineyards, 21.88.

*Apiaculture.*—Number of stands of bees, 14; pounds of honey, 130; wax, 10.

*Fences.*—Stone, 13,909 rods; cost, \$31,295.25. Rail, 124,189 rods; cost, 176,969.32. Board, 32,136 rods; cost, 53,024.40. Wire, 17,000 rods; cost, 12,750.00. Hedge, 135,986 rods; cost, \$67,993.00. Total rods of fence, 323,220; total cost, \$342,031.97.

*Water Powers.*—The Walnut furnishes good and reliable water power, except for a short period during the dryest part of the season. Three mills are now supplied.

*Manufactures.*—Cresswell township, steam saw mill and two water-power grist mills; capital not given. Spring Creek township, steam lumber and grist mill; capital, \$1,700. Winfield township, steam saw mill, three water-power grist mills; capital, \$14,500; one brewery. Lazette township, one grist and one saw mill; capital not given. Silverdale township, one saw and grist mill; capital not stated.

*Banks.*—Arkansas City Bank, Arkansas City; Cowley County Bank, Arkansas City; banking house of M. L. Reed, and Winfield Bank of J. C. Fuller, Winfield. The total amount of capital of these banks is \$61,800

*Business Houses of Principal Town.*—Winfield: Agricultural implements and wagons, 4; books, periodicals, and stationery, 1; boots and shoes, 1; clothing and tailoring, 1; dry goods, 1; drugs, oils and paints, 9; furniture and upholstery, 3; groceries, 7; gunsmiths, 1; jewelry, clocks, watches, etc., 3; lumber, 4; millinery, 5; merchandise ("general country store"), 13; saddles and harness, 4; sewing machines, 1.

*Newspapers.*—There are four weekly papers: the *Winfield Courier* and *Cowley County Democrat*, Winfield; *Cowley County Telegram*, Winfield; and *Arkansas City Traveler*, Arkansas City.

*Schools, etc.*—Organized school districts, 108; school houses, 58; value of school buildings and grounds, furniture and apparatus, \$63,476.

*Churches.*—Presbyterian: Organizations 3, membership 116, church edifices 2, valuation \$7,000. Congregational: Organizations 1, membership 31. Baptist: Organizations 10, membership 321, church edifices 1, valuation \$2,000. Methodist: Organizations 6, membership 218, church edifices \$2,500. Catholic: Organizations 2, membership 200.

*Libraries.*—One public and 70 private libraries, aggregating 4,631 volumes, are reported in six townships of the 22 in the county.

*Lands.*—The unsold lands are shown in the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$435.10; poultry and eggs sold, \$2,618. Number of pounds of wool produced, 4,337.

Vacant lands are worth from \$1.50 to \$6 per acre.

### CRAWFORD COUNTY.

Organized in 1837. Named in honor of Gov. Samuel J. Crawford, Colonel of the Second Regiment Colored Volunteers (Infantry); elected Governor of Kansas in 1864, and served four years. Square miles, 592. Population to square mile, 15.85. Population in 1870, 8,160; population in 1875, 9,336: increase in five years, 1,226.

#### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Baker .....           | 966   | City of Girard .....  | 695   | Crawford .....        | 1,063 |
| Grant .....           | 680   | Lincoln .....         | 1,397 | Osage .....           | 1,149 |
| Sheridan .....        | 1,459 | Sherman .....         | 539   | Walnut .....          | 649   |
| Washington .....      | 789   |                       |       |                       |       |

*Nativity.*—Born in the United States, 8,737; in Germany, 170; in Ireland, 134; in England and Wales, 73; in Scotland, 33; in Sweden, Norway and Denmark, 25; in France, 28; in North of Europe, 6; in South of Europe, 13; in British America, 159; in countries not specified, 8.

*Sex.*—Males, 5,039; females, 4,347.

#### WHERE FROM TO KANSAS.

|                     |       |                      |       |                           |     |
|---------------------|-------|----------------------|-------|---------------------------|-----|
| Alabama .....       | 12    | Michigan .....       | 71    | Vermont .....             | 1   |
| Arkansas .....      | 59    | Minnesota .....      | 42    | Virginia .....            | 36  |
| California .....    | 9     | Mississippi .....    | 5     | West Virginia .....       | 12  |
| Colorado .....      | 20    | Missouri .....       | 1,606 | Wisconsin .....           | 130 |
| Connecticut .....   | 3     | Nebraska .....       | 76    | Dist. of Columbia and the |     |
| Georgia .....       | 1     | New Hampshire .....  | 11    | Territories .....         | 21  |
| Illinois .....      | 2,784 | New Jersey .....     | 5     | Germany .....             | 31  |
| Indiana .....       | 703   | New York .....       | 60    | Ireland .....             | 6   |
| Iowa .....          | 808   | North Carolina ..... | 27    | England and Wales .....   | 6   |
| Kentucky .....      | 247   | Ohio .....           | 231   | Scotland .....            | 2   |
| Louisiana .....     | 4     | Pennsylvania .....   | 236   | Sweden, Norway and Den-   |     |
| Maine .....         | 40    | Tennessee .....      | 44    | mark .....                | 3   |
| Massachusetts ..... | 9     | Texas .....          | 41    | British America .....     | 134 |

Born in Kansas, 1,776; not otherwise stated, 22.

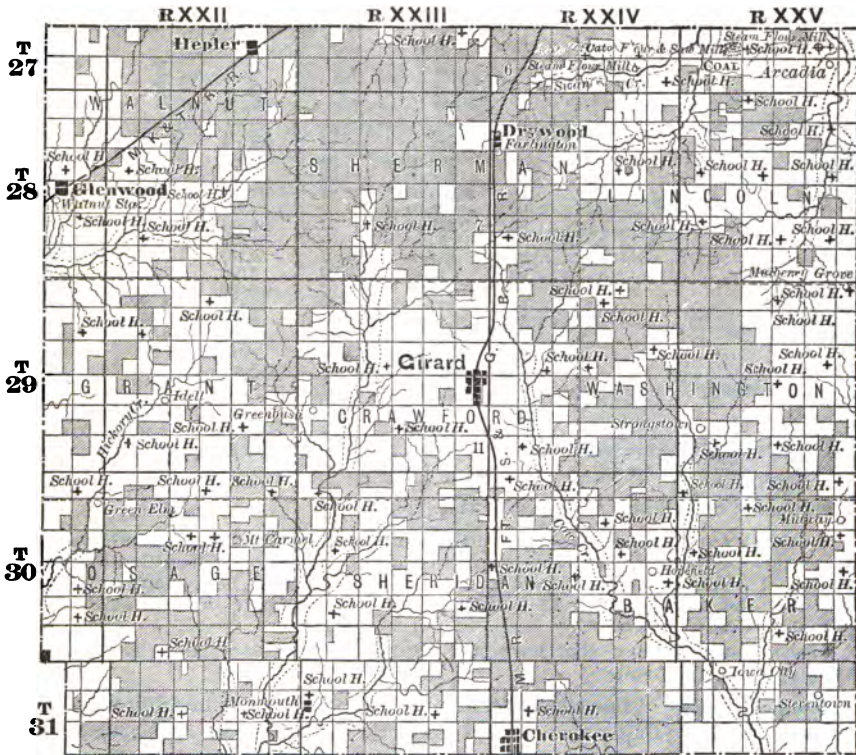
*Occupation.*—There are 1,833, or 79.1 per cent., engaged in Agriculture; 174, or 7.5 per cent., in Professional and Personal service; 109, or 4.7 per cent., in Trade and Transportation; 201, or 8.6 per cent., in Manufactures and Mining.

*County Seat.*—Girard, the county seat, is 114 miles in an air line from Topeka, in a southeasterly direction.

*Face of the Country.*—Bottom lands, 15 per cent.; upland, 85 per cent.; forest, 10 per cent.; prairie, 90 per cent. Average width of bottoms, from one-half to one mile; general surface of the country, undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: black and red oak, hickory, walnut, hackberry, cottonwood, elm, post oak, burr oak, poplar.

MAP OF CRAWFORD COUNTY, KANSAS, 1875.



■ M.R.Ft.S. & Gulf R.R. Lands

*Principal Streams.*—Lightning, Thunderbolt and Limestone creeks, running southwest, and Big, Little and Middle Cow creeks, Walnut, Drywood, Bone and Cox creeks, running southeast. The streams running southwest are separated from those running southeast by the Ozark range. The country is not well supplied with springs, but good well water is reached at a depth of from 10 to 30 feet.

*Coal.*—Coal underlies the entire surface of the county, the veins ranging in thickness from five feet downwards. Quality good. The different varieties are called "black," "red" and "gray." It is in general use for domestic purposes, and considerable quantities are exported. Much of the Fort Scott coal comes from this county.

*Building Stone, etc.*—There is a good supply of sand and limestone, well distributed; also some slate.

*Railroad Connections*—The Missouri River, Fort Scott & Gulf Railroad runs through the centre of the county from north to south; principal stations, Drywood, Girard and Cherokee. The Missouri, Kansas & Texas Railroad traverses the north-western portion of the county, near the corner; principal stations, Hepler and Glenwood.

*Agricultural Statistics*.—Acres in the county, 378,880; taxable acres, 373,072; under cultivation, 117,954; cultivated to taxable acres, 31.52 per cent.: increase of cultivated acres during the year, 30,760.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 19,134.00 | 18.00          | 344,412   | \$ .97 | \$334,079.64      |
| Rye.....bu.                   | 179.00    | 18.00          | 3,222     | .60    | 1,933.20          |
| Spring Wheat.....bu.          | 3.00      | 10.00          | 30        | .67    | 20.10             |
| Corn.....bu.                  | 48,025.00 | 42.00          | 2,017,050 | .93    | 463,921.50        |
| Barley.....bu.                | 33.00     | 24.00          | 792       | 1.26   | 997.92            |
| Oats.....bu.                  | 9,231.00  | 34.00          | 313,854   | .22    | 69,047.88         |
| Buckwheat.....bu.             | 97.50     | 18.00          | 1,755     | .85    | 1,491.75          |
| Potatoes, Irish.....bu.       | 591.00    | 100.00         | 59,100    | .28    | 16,548.00         |
| Sweet Potatoes.....bu.        | 19.00     | 160.00         | 3,040     | .75    | 2,280.00          |
| Sorghum.....gall.             | 1,048.00  | 100.00         | 104,800   | .43    | 45,064.00         |
| Castor Beans.....bu.          | 2,242.00  | 15.00          | 33,630    | 1.10   | 36,993.00         |
| Cotton.....lbs.               | 45.00     | 200.00         | 9,000     | .10    | 900.00            |
| Flax.....bu.                  | 5,130.50  | 10.00          | 51,305    | 1.06   | 54,383.30         |
| Tobacco.....lbs.              | 12.00     | 675.00         | 8,100     | .08    | 648.00            |
| Broom Corn.....lbs.           | 277.00    | 780.00         | 216,060   | .06    | 12,963.60         |
| Millet and Hungarian.....tons | 756.50    | 2.36           | 1,785     | 4.87½  | 8,701.87          |
| Timothy.....tons              | 163.00    | 1.00           | 163       | 8.75   | 1,425.25          |
| Clover.....tons               | 87.50     | 3.00           | 262       | 7.00   | 1,834.00          |
| Prairie.....tons              | 2,023.00  | 1.50           | 3,034     | 3.50   | 10,619.00         |

## EXAMPLES.—

Statement of William Andrews, of Osage:

*Winter Wheat*: I plowed the ground in July, and on the 20th September sowed Lancashire red wheat. The soil is upland prairie, and has been in cultivation seven years. The first two crops were corn; all the rest wheat. I harvested on the 26th of June, and obtained over 18 bushels per acre. I estimate the cost at about \$4 per acre, exclusive of board.

*Castor Beans*: I have also harvested 23 bushels of castor beans per acre on the same quality of soil.

*Dairy Products*.—Cheese manufactured in 1870, 3,370 lbs.; in 1875, 4,235 lbs.: increase, 865 lbs. Butter manufactured in 1870, 130,319 lbs.; in 1875, 189,821 lbs.: increase, 59,502 lbs.

*Farm Animals*.—Number of horses, in 1870, 3,304; in 1875, 3,820: increase, 516. Mules and asses, in 1870, 435; in 1875, 629: increase, 194. Cattle, in 1870, 11,960; in 1875, 11,378: decrease, 588. Sheep, in 1870, 2,605; in 1875, 2,231: decrease, 374. Swine, in 1870, 3,245; in 1875, 4,487: increase, 1,242.

*Dogs*.—Number of dogs in the county, 1,653; number of sheep killed by dogs, 188; value of sheep killed by dogs, \$438.04. Number of sheep killed by wolves, 51; value of sheep killed by wolves, \$118.83.

*Horticulture*.—Acres of nurseries, 42; orchards, 2,980.99; vineyards, 30.20.

*Apiculture*.—Number of stands of bees, 167; pounds of honey, 836; wax, 12.

*Fences*.—Stone, 4,614 rods; cost, \$9,804.75. Rail, 188,086 rods; cost, \$235,107.50. Board, 9,555 rods; cost, \$13,615.87. Wire, 20,200 rods; cost, \$15,150. Hedge, 211,076 rods; cost, \$116,091.80. Total rods of fence, 433,531; total cost, \$389,769.92.

*Herd Law*.—The herd law has been in force throughout the county for three and



a half years, and the result is an improvement in the number and quality of stock.

*Water Powers.*—There are no available water powers.

*Manufactures.*—Lincoln township, two steam flouring mills, one saw and corn mill, one steam saw mill. Sheridan township, one steam grist mill, one steam grist mill and elevator. Monmouth, one steam grist mill. Crawford township, two flouring mills, one steam saw mill and elevator. Cato, two steam grist and saw mills, and one grist mill.

*Banks.*—Crawford County Savings Bank, Girard; and F. Playter & Bro., Cherokee.

*Newspapers.*—There are three weekly papers, the *Girard Press* and *Girard News*, both published at Girard, and the *Index*, published at Cherokee.

*Schools.*—Organized. school districts, 100; school houses, 98; value of school buildings and grounds, furniture and apparatus, \$53,544.

*Churches.*—Presbyterian: Organizations 3, membership 90, church edifices 2, valuation \$5,400. Baptist: Organizations 5, membership 187, church edifices 1, valuation \$1,000. Methodist: Organizations 17, membership 510, church edifices 2, valuation \$3,000. Episcopal: Organizations 1, membership 19, church edifices 1, valuation \$1,000. Catholic: Organizations 3, membership 320, church edifices 2, valuation \$1,200. Universalist: Organizations 1, membership 9.

*Libraries.*—Three townships have two public libraries, with 230 volumes, and 21 private, with 1,490 volumes.

*Lands.*—Unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$521.37; poultry and eggs sold, \$3,487.25; pounds of wool produced, 5,701.

*Wages.*—Farm laborers per month, with board, \$12 to \$18; laborers, in cities or on public improvements, per day, \$1 to \$2.50; carpenters, \$2 to \$3; bricklayers, \$2.25 to \$4; house painters, \$2 to \$4; wagon makers, \$2 to \$3; blacksmiths, \$1.50 to \$3; shoemakers, \$1 to \$2; harness makers, \$1 to \$2; tailors, \$1 to \$2; printers, \$1 to \$2; clerks, per month, \$30 to \$80; tanners, per day, \$2 to \$3.

Vacant lands are valued at from \$2 to \$12 per acre.

## DAVIS COUNTY.

Organized in 1855. Named in honor of Jefferson Davis, who was an officer in the U. S. Army, a U. S. Senator, and in 1855, Secretary of War. He was a member of the Senate in 1861, and withdrew from it to become President of the Southern Confederacy. Square miles, 407. Population to square mile, 11.08. Population in 1860, 1,163; population in 1870, 5,526: increase in ten years, 4,363; population in 1875, 4,611: decrease in five years, 915: increase in fifteen years, 3,428.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

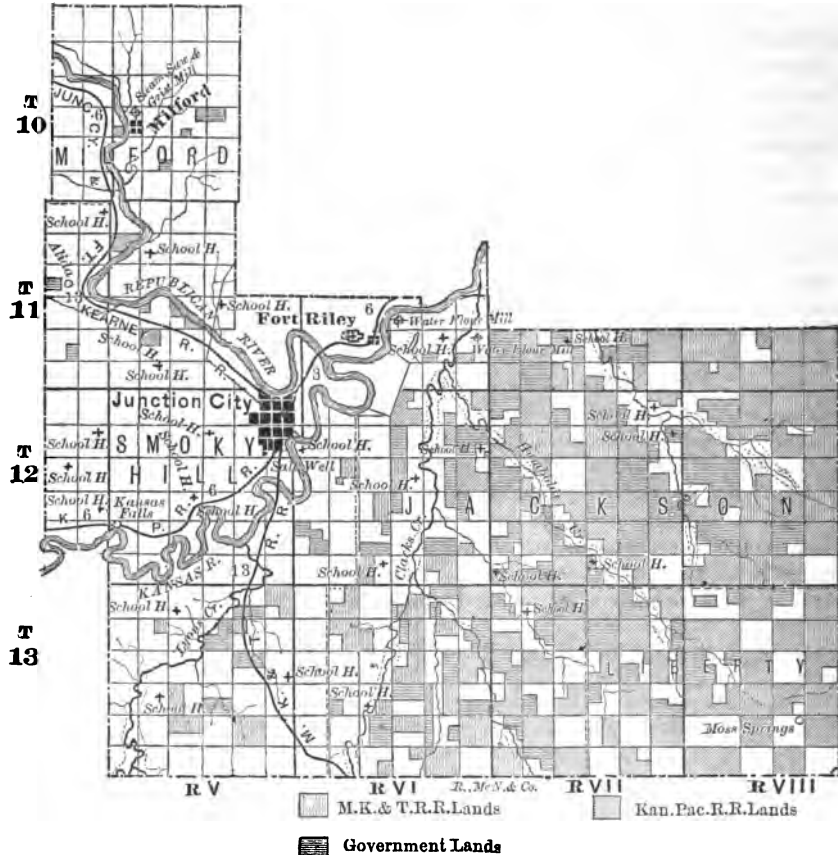
| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Jackson .....         | 1,070 | Liberty .....         | 274   | Millford .....        | 347   |
| Junction City .....   | 1,782 | Smoky Hill .....      | 1,138 | .....                 | ..... |
| .....                 | ..... | .....                 | ..... | .....                 | ..... |

*Nativity.*—Born in the United States, 3,415; in Germany, 357; in Ireland, 189; in England and Wales, 220; in Scotland, 42; in Sweden, Norway, and Denmark, 245;

in France, 5; in North of Europe, 14; in South of Europe, 33; in British America, 73; in countries not specified, 18.

*Sex.*—Males, 2,485; females, 2,126.

MAP OF DAVIS COUNTY, KANSAS, 1875.



WHERE FROM TO KANSAS.

|                    |     |                     |     |                                            |     |
|--------------------|-----|---------------------|-----|--------------------------------------------|-----|
| Alabama.....       | 13  | Michigan.....       | 104 | Vermont.....                               | 20  |
| Arkansas.....      | 33  | Minnesota.....      | 16  | Virginia.....                              | 48  |
| California.....    | 5   | Mississippi.....    | 12  | West Virginia.....                         | 3   |
| Colorado.....      | 24  | Missouri.....       | 366 | Wisconsin.....                             | 105 |
| Connecticut.....   | 12  | Nebraska.....       | 37  | Dist. of Columbia and the Territories..... | 16  |
| Delaware.....      | 1   | Nevada.....         | 14  | Germany.....                               | 133 |
| Florida.....       | 20  | New Hampshire.....  | 14  | Ireland.....                               | 16  |
| Georgia.....       | 418 | New Jersey.....     | 158 | England and Wales.....                     | 180 |
| Illinois.....      | 202 | New York.....       | 50  | Scotland.....                              | 19  |
| Indiana.....       | 196 | North Carolina..... | 269 | Sweden, Norway and Denmark.....            | 179 |
| Iowa.....          | 69  | Ohio.....           | 1   | France.....                                | 1   |
| Kentucky.....      | 10  | Oregon.....         | 193 | Other North of Europe.....                 | 19  |
| Louisiana.....     | 19  | Pennsylvania.....   | 7   | Other South of Europe.....                 | 5   |
| Maine.....         | 20  | Rhode Island.....   | 38  | British America.....                       | 63  |
| Maryland.....      | 53  | Tennessee.....      | 33  |                                            |     |
| Massachusetts..... |     | Texas.....          |     |                                            |     |

Born in Kansas, 1,381; not otherwise stated, 17.

*Occupation.*—There are 710, or 57.4 per cent., engaged in Agriculture; 277, or 22.4 per cent., in Professional and Personal service; 102, or 8.2 per cent., in Trade and Transportation; 146, or 11.8 per cent. in Manufactures and Mining.

*County Seat.*—Junction City, the county seat, is 62 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 3 per cent.; prairie, 97 per cent. Average width of bottoms one mile; general surface of the country, upland, undulating in the western, and broken and bluffy in the eastern part of the county.

*Timber.*—The streams are tolerably well timbered; average width of belts, from one-fourth to one-half a mile. Varieties: black walnut, white and burr oak, hackberry, hickory, ash, cottonwood, elm, cedar and sycamore.

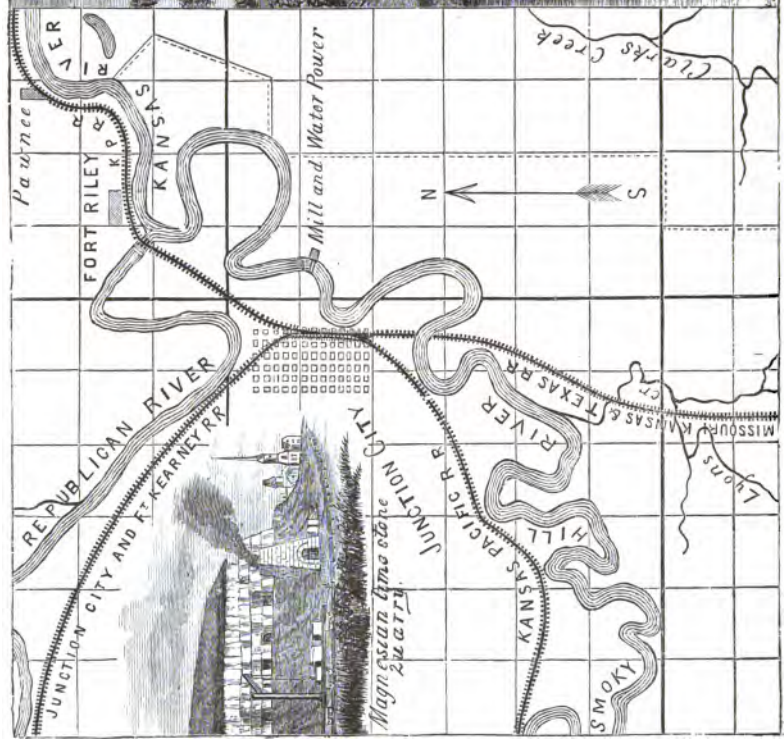
*Principal Streams.*—Republican and Smoky Hill rivers, the former running southeast, the latter northeast; uniting at Fort Riley, they form the Kansas river. Tributaries of the Republican: Curtis creek, runs east, six miles long; Four-mile, runs southwest, six miles long; Madison, runs south, five miles long; Timber, runs southeast, eight miles long. Tributary of the Smoky Hill: Lyon's creek, runs north, 35 miles long. Tributaries of the Kansas: Clarke's creek, runs north, 40 miles long; McDowell's, runs north, 25 miles long. There are also numerous smaller streams. The county is very well supplied with springs; well water obtained at a depth of from 20 to 90 feet.

*Coal.*—None of any consequence has been discovered. Small veins crop out in two or three places on Humboldt creek, but they are thin and the quality poor.

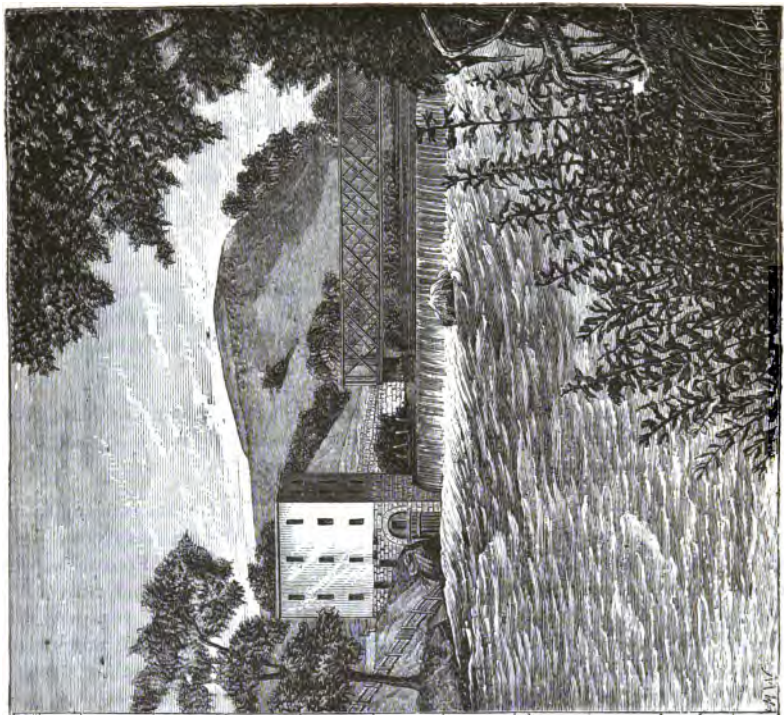
*Building Stone, etc.*—The best quality of magnesian limestone is found in the bluffs all over the county, an analysis of which was made by Prof. Wm. H. Saunders, of the University of Kansas, as follows: Hydrometric moisture escaping at 212° Fah., .55; carbonate of lime, 88.85; carbonate of magnesia, 4.15; sesquioxide of iron and alumina, 1.20; insoluble silica and silicates, 5.10; total, 100. In boring for coal at Junction City, salt water was reached at a depth of 300 feet, and still flows in a constant stream. Gypsum underlies the county, and is sometimes struck in digging wells.

*Railroad Connections.*—The Kansas Pacific Railway runs through the northwestern portion of the county, following the valleys of the Kansas and Smoky Hill. The Junction City & Fort Kearney Railroad, operated as a branch of the Kansas Pacific, runs from Junction City up the valley of the Republican, to Clay Centre, in Clay county. The Missouri, Kansas & Texas Railroad, starting from Junction City, traverses the southwestern part of the county to the valley of the Neosho. Principal station and junction of these roads, Junction City.

*Agricultural Statistics.*—Acres in the county, 260,480; taxable acres, 116,703; under cultivation, 30,131.87; cultivated to taxable acres, 26.33 per cent.: increase of cultivated acres during the year, 7,326.37.



MAP OF JUNCTION CITY AND VICINITY



MILL AND WATER-POWER

JUNCTION CITY

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 5,012.50 | 18.00          | 90,225   | \$.95  | \$85,713.75       |
| Rye.....bu.                   | 1,384.00 | 14.00          | 17,976   | .60    | 10,785.60         |
| Spring Wheat.....bu.          | 2,504.50 | 12.00          | 30,054   | .73    | 21,939.42         |
| Corn.....bu.                  | 7,893.00 | 40.00          | 315,720  | .23    | 72,615.60         |
| Barley.....bu.                | 515.00   | 22.00          | 11,330   | 1.22   | 13,822.60         |
| Oats.....bu.                  | 1,890.50 | 30.00          | 56,715   | .80    | 45,372.00         |
| Buckwheat.....bu.             | 2.50     | 18.00          | 45       | .90    | 40.50             |
| Potatoes, Irish.....bu.       | 233.75   | 85.00          | 19,869   | .40    | 7,947.60          |
| Sweet Potatoes.....bu.        | 10.12    | 120.00         | 1,214    | .90    | 1,092.60          |
| Forghum.....gall.             | 44.75    | 105.00         | 4,699    | .50    | 2,349.50          |
| Castor Beans.....bu.          | 12.00    | 12.00          | 144      | 1.12   | 161.28            |
| Cotton.....lbs.               | 1.00     | 75.00          | 75       | .08    | 6.00              |
| Flax.....bu.                  | 15.50    | 10.00          | 155      | 1.06   | 167.40            |
| Hemp.....lbs.                 | 1.00     | 500.00         | 500      | .08    | 40.00             |
| Tobacco.....lbs.              | 40.00    | 750.00         | 30,000   | .06    | 1,800.00          |
| Broom Corn.....tons           | 1,655.75 | 2.36           | 3,908    | 5.00   | 19,540.00         |
| Millet and Hungarian.....tons | 1.00     | 1.00           | 1.00     | 6.00   | 6.00              |
| Timothy.....tons              | 20.50    | 3.00           | 61       | 5.75   | 350.75            |
| Clover.....tons               | 5,768.00 | 1.00           | 5,768    | 3.25   | 18,746.00         |
| Prairie.....tons              |          |                |          |        |                   |

*Dairy Products.*—Cheese manufactured in 1870, 1,250 lbs.; in 1875, 375 lbs.: decrease, 875 lbs. Butter manufactured in 1870, 58,525 lbs.; in 1875, 85,615 lbs.: increase, 27,090 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,808; in 1875, 2,338: increase, 1,025. Mules and asses, in 1870, 56; in 1875, 102: increase, 46. Cattle, in 1870, 6,340; in 1875, 7,809: increase, 1,469. Sheep, in 1870, 127; in 1875, 170: increase, 43. Swine, in 1870, 856; in 1875, 1,495: increase, 639.

*Dogs.*—Number of dogs in the county, 1,040; number of sheep killed by dogs, 15; value of sheep killed by dogs, \$34.95. Number of sheep killed by wolves, 7; value of sheep killed by wolves, \$16.31.

*Horticulture.*—Acres of nurseries, 23.50; orchards, 373.25; vineyards, 6.50.

*Fences.*—Stone, 26,558 rods; cost, \$39,837. Rail, 67,398 rods; cost, \$99,412.05. Board, 11,818 rods; cost, \$20,681.50. Wire, 10,500 rods; cost, \$7,875. Hedge, 18,501 rods; cost, \$9,713.02. Total rods of fence, 134,775; total cost, \$177,518.57.

*Herd Law.*—The herd law is in force.

*Water Powers.*—There are a number of good water powers, only two of which have been improved—one on the Smoky Hill, at Junction City, and one on Clarke's creek.

*Manufactures.*—Jackson township, water-power flouring mill. Junction City, two water-power flouring mills and steam flouring mill; a cigar manufactory, two breweries, furniture factory, broom factory and soap factory. Milford, 1 steam grist and saw mill. Smoky Hill Township, one cheese factory, one water-power flour mill, and a salt bore.

*Banks.*—Davis County Savings Bank, and the banking house of W. B. Clarke, Junction City; aggregate capital, \$25,461.

*Business Houses of Principal Town.*—Junction City: Agricultural implements and wagons, 8; books, periodicals and stationery, 2; boots and shoes (exclusive), 2; clothing and tailoring, 2; confectionery, 3; carriage and wagon shops, 5; dry goods, 7; drugs, oils and paints, 4; furniture and upholstery, 1; groceries, 6; gunsmith, 1; hardware, 5; jewelry, clocks, watches, etc., 1; second-hand goods, 2; lumber, 3; music and musical instruments, 1; millinery, 4; queensware (exclusive), 1; saddles and harness, 2; sewing machines, 2; hotels, 4; mercantile pursuits not herein mentioned, 20.

*Newspapers.*—The *Junction City Union* and *Junction City Tribune*, both published weekly, at Junction City.

*Schools, etc.*—Organized school districts, 34; school houses, 34; value of school buildings and grounds, furniture and apparatus, \$39,790. One parochial school at Junction City, under the auspices of the Catholic church.

*Churches.*—Presbyterian: Organizations 2, membership 105, church edifices 1, valuation, \$15,000. Congregational: Organizations 1, membership 24, church edifices 1, valuation \$3,000. Baptist: Organizations 2, membership 197, church edifices 1, valuation \$3,500. Methodist: Organizations 2, membership 190, church edifices 1, valuation \$5,200. Episcopal: Organizations 1, membership 40, church edifices, 1, valuation \$12,000. Catholic: Organizations 3, membership 500, church edifices 2, valuation \$4,000.

*Libraries.*—No report.

*Lands.*—The unsold lands are indicated on the accompanying county map.

*Miscellaneous.*—Garden produce marketed, \$634; poultry and eggs sold, \$1,966; pounds of wool produced, 282.

*Wages.*—Farm laborers, per month, with board, \$16 to \$20. Laborers in cities or on public improvements, \$1.50 to \$2; carpenters, per day, \$2 to \$3.00; bricklayers and stonemasons, per day, \$2 to \$3; house painters, per day, \$3 to \$4; wagon makers, per day, \$2 to \$4; blacksmiths, per day, \$2 to \$4; shoemakers, per day, \$2 to \$3; harness makers, per day, \$2 to \$3; tailors, \$2 to \$3; printers, per day, \$2 to \$3; clerks, \$40 to \$100 per month; tinnerns, \$2 to \$3 per day.

Prices of vacant lands range from \$4 to \$6 per acre.

## DICKINSON COUNTY.

Organized in 1857. Named in honor of Daniel S. Dickinson, who, as a Senator from the State of New York, was first to introduce, in 1847, in the United States Senate, resolutions respecting Territorial Government, embodying the doctrine of popular sovereignty, afterwards incorporated in the bill for the organization of Kansas Territory. Square miles, 851; population to square mile, 8.03. Population in 1860, 378; in 1870, 3,043; increase in ten years, 2,665; population in 1875, 6,841; increase in five years, 3,798; increase in fifteen years, 6,468.

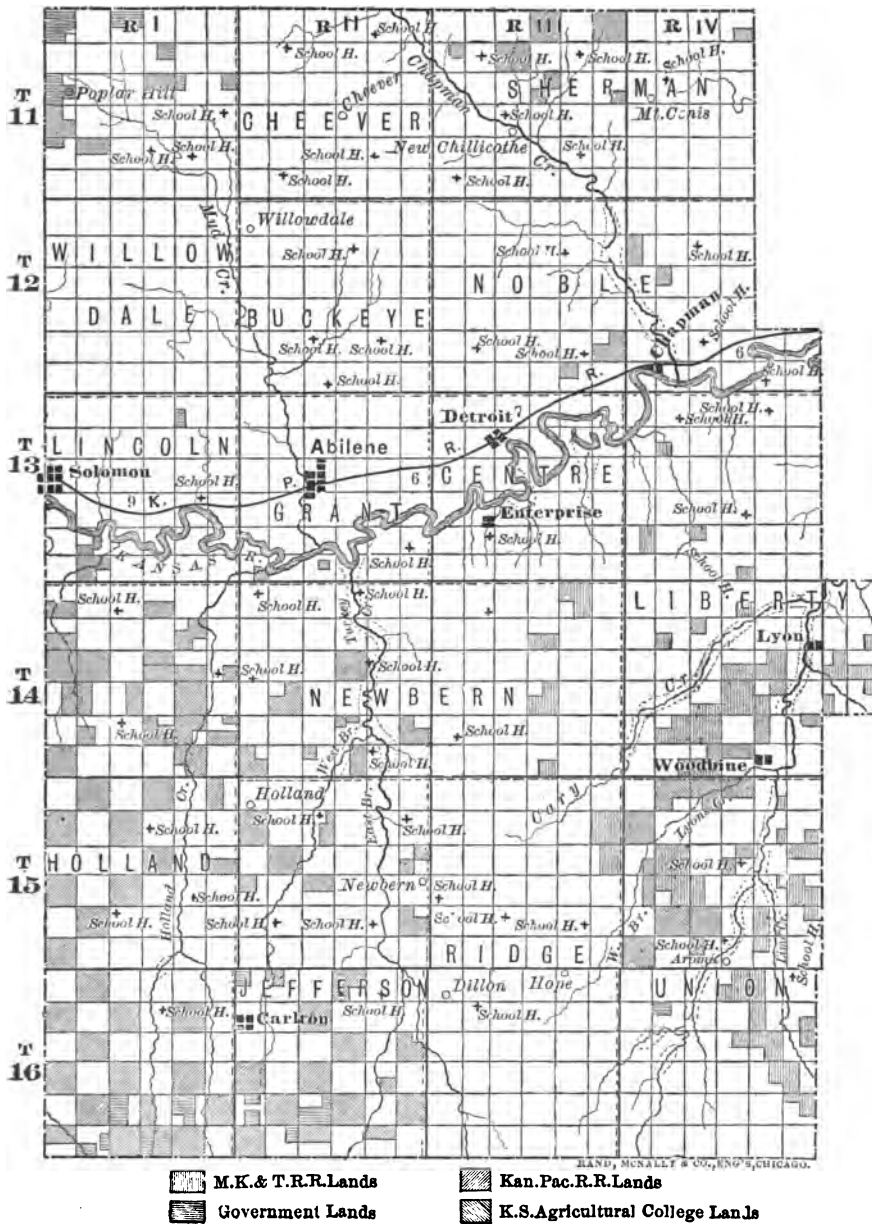
POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Buckeye .....         | 317   | Centre .....          | 556   | Cheever .....         | 245   |
| Grant .....           | 863   | Holland .....         | 548   | Jefferson .....       | 692   |
| Liberty .....         | 494   | Lincoln .....         | 347   | Newbern .....         | 419   |
| Noble .....           | 600   | Ridge .....           | 495   | Sherman .....         | 477   |
| Union .....           | 383   | Willow Dale .....     | 405   | .....                 | ..... |
| .....                 | ..... | .....                 | ..... | .....                 | ..... |

*Nativity.*—Born in the United States, 5,209; in Germany, 496; in Ireland, 198; in England and Wales, 234; in Scotland, 92; in Sweden, Norway and Denmark, 48; in France, 9; in North of Europe, 5; in South of Europe, 200; in British America, 235; in countries not specified, 15.

*Sex.*—Males, 3,672; females, 3,169.

MAP OF DICKINSON COUNTY, KANSAS, 1875.





## WHERE FROM TO KANSAS.

|                     |       |                      |     |                             |     |
|---------------------|-------|----------------------|-----|-----------------------------|-----|
| Alabama .....       | 3     | Mississippi .....    | 3   | West Virginia .....         | 16  |
| Arkansas .....      | 11    | Missouri .....       | 370 | Wisconsin .....             | 272 |
| California .....    | 2     | Nebraska .....       | 22  | Dist. of Columbia and the   |     |
| Colorado .....      | 4     | Nevada .....         | 2   | Territories .....           | 18  |
| Connecticut .....   | 21    | New Jersey .....     | 19  | Germany .....               | 143 |
| Illinois .....      | 1,429 | New York .....       | 167 | Ireland .....               | 12  |
| Indiana .....       | 486   | North Carolina ..... | 1   | England and Wales .....     | 116 |
| Iowa .....          | 384   | Ohio .....           | 635 | Scotland .....              | 34  |
| Kentucky .....      | 81    | Oregon .....         | 4   | Sweden, Norway and Den-     |     |
| Louisiana .....     | 1     | Pennsylvania .....   | 277 | mark .....                  | 72  |
| Maine .....         | 9     | Rhode Island .....   | 5   | France .....                | 1   |
| Maryland .....      | 11    | Tennessee .....      | 64  | Other North of Europe ..... | 16  |
| Massachusetts ..... | 38    | Texas .....          | 4   | Other South of Europe ..... | 82  |
| Michigan .....      | 302   | Vermont .....        | 4   | British America .....       | 191 |
| Minnesota .....     | 21    | Virginia .....       | 51  |                             |     |

Born in Kansas, 1,366; not otherwise stated, 21.

*Occupation.*—There are 1,400, or 79.9 per cent., engaged in Agriculture; 90, or 5.1 per cent., in Professional and Personal service; 97, or 5.5 per cent., in Trade and Transportation; 164, or 9.3 per cent., in Manufactures and Mining.

*County Seat.*—Abilene, the county seat, is 84 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 3 per cent.; prairie, 97 per cent. Average width of bottoms, two miles; the general surface of the country, undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: cottonwood, elm, hackberry, oak, walnut and ash.

*Principal Streams.*—Smoky Hill river, runs nearly through the centre of the county, in an easterly direction; principal tributaries, Holland's, Turkey, Deer, Swenson and Lyon's creeks on the south; Mud and Chapman on the north; the Solomon river joins the Smoky Hill near the line of the county. The county is not well supplied with springs; good well water is obtained at a depth of from 20 to 60 feet.

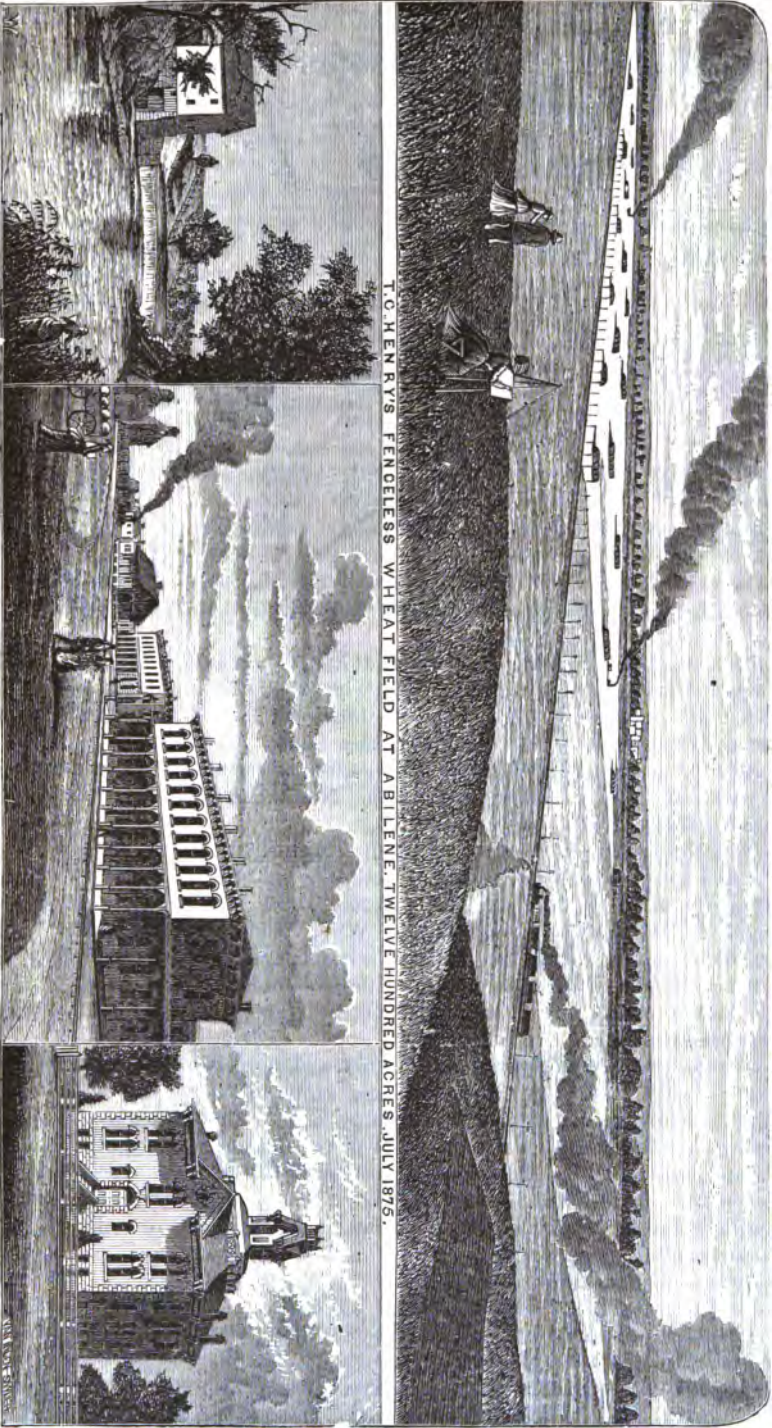
*Coal.*—Prof. B. F. Mudge, and also T. C. Henry, of Abilene, state that no coal worth working is found in this county, though some thin veins of a very poor quality are found on Chapman's creek and on Holland creek.

*Building Stone, etc.*—Large quantities of good quality of limestone found near Enterprise; plenty in other portions of the county, cropping out along the banks and bluffs of streams. Fine qualities of pottery clay near Enterprise. Gypsum is found in the southwestern part of the county.

*Railroad Connections.*—The Kansas Pacific Railway traverses the county from east to west along the valley of the Smoky Hill. Principal stations: Abilene and Solomon city.

*Agricultural Statistics.*—Acres in the county, 544,640; taxable acres, 281,049; under cultivation, 710,11.12; cultivated to taxable acres, 25.26 per cent.: increase of cultivated acres during the year, 191,24.12.

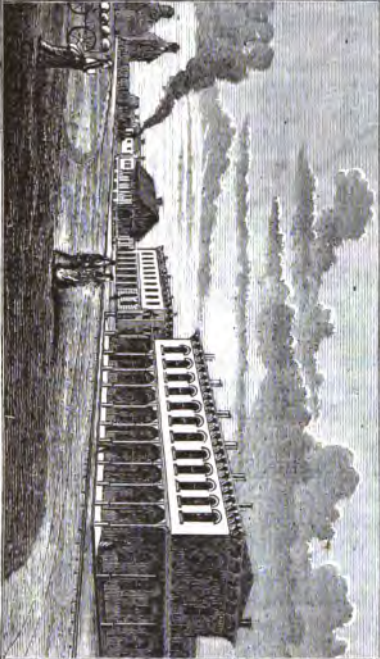




T.O. HENRY'S FENCELESS WHEAT FIELD AT ABILENE. TWELVE HUNDRED ACRES. JULY 1875.



MILL AND WATER-POWER ON THE SOLOMON.



DEPOT ELEVATORS.  
VIEWS IN ABILENE AND VICINITY.



PUBLIC SCHOOL.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.      | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|---------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 32,061.00 | 22.00          | 705,342  | \$ .99 | \$698,288.58      |
| Rye .....                  | bu. 2,668.50  | 20.00          | 53,370   | .60    | 32,022.00         |
| Spring Wheat .....         | bu. 4,258.25  | 15.00          | 63,874   | .75    | 47,905.50         |
| Corn .....                 | bu. 14,750.00 | 42.00          | 619,500  | .23    | 142,845.00        |
| Barley .....               | bu. 1,478.00  | 26.00          | 38,428   | 1.22   | 46,886.16         |
| Oats .....                 | bu. 6,005.25  | 38.00          | 228,199  | .30    | 68,459.70         |
| Buckwheat .....            | bu. 14.12     | 20.00          | 282      | .90    | 253.80            |
| Potatoes, Irish .....      | bu. 440.62    | 90.00          | 39,656   | .35    | 13,879.60         |
| Sweet Potatoes .....       | bu. 32.08     | 165.00         | 5,293    | .90    | 4,763.70          |
| Sorghum .....              | gall. 62.50   | 130.00         | 7,500    | .40    | 3,000.00          |
| Castor Beans .....         | bu. 26.18     | 14.00          | 366      | 1.12   | 409.92            |
| Cotton .....               | lbs. 1.00     | 75.00          | 75       | .06    | 6.00              |
| Flax .....                 | bu. 104.62    | 11.00          | 1,151    | 1.10   | 1,266.10          |
| Hemp .....                 | lbs. .62      | 650.00         | 403      | .08    | 32.24             |
| Tobacco .....              | lbs. 83.01    | 850.00         | 70,558   | .06    | 4,233.48          |
| Broom Corn .....           | tons 591.12   | 2.75           | 1,626    | 4.75   | 7,723.50          |
| Millet and Hungarian ..... | tons 22.25    | 1.25           | 28       | 5.50   | 154.00            |
| Timothy .....              | tons 218.00   | 3.00           | 654      | 6.25   | 4,087.50          |
| Clover .....               | tons 189.00   | 1.50           | 283      | 8.00   | 849.00            |
| Prairie .....              | tons          |                |          |        |                   |

*Dairy Products.*—Cheese manufactured in 1870, 2,050 lbs.; in 1875, 160 lbs.: decrease, 1,890 lbs. Butter manufactured in 1870, 41,161 lbs.; in 1875, 115,402 lbs.: increase, 74,241 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,153; in 1875, 3,223: increase, 2,070. Mules and asses, in 1870, 83; in 1875, 280: increase, 197. Cattle, in 1870, 6,651; in 1875, 9,822: increase, 3,173. Sheep, in 1870, 200; in 1875, 2,829: increase, 2,629. Swine, in 1870, 834; in 1875, 2,656: increase, 1,822.

*Dogs.*—Number of dogs in the county, 1,005; number of sheep killed by dogs, 40; value of sheep killed by dogs, \$93.20. Number of sheep killed by wolves, 82; value of sheep killed by wolves, \$191.06.

*Horticulture.*—Acres of nurseries, 12.50; orchards, 783.20; vineyards, 29.06.

*Apiaculture.*—Number of stands of bees, 4; pounds of honey, 25.

*Fences.*—Stone, 11,754 rods; cost, \$35,262. Rail, 11,623 rods; cost, \$15,980.25. Board, 15,592 rods; cost, \$21,361.04. Wire, 3,800 rods; cost, \$2,850. Hedge, 102,869 rods; cost, \$51,434.50. Total rods of fence, 145,637; total cost, \$126,887.79.

*Water Powers.*—Fine water power on the Solomon and Smoky Hill, Chapman's and Turkey creeks, already utilized to a considerable extent, but with a large undeveloped capacity.

*Manufactures.*—Water-power flouring mill at Enterprise, capital \$25,000; water-power woolen factory at the same place, capital \$25,000; also steam saw mill, capital \$2,000; steam sorghum manufactory, capital \$2,000; steam vinegar manufactory, capital \$1,500. Solomon, water-power flouring mill, capital \$1,200, and elevator, cost \$3,900. At Abilene, water-power flouring mill, capital not stated. Newbern township, water-power flouring mill, capital \$5,000; two water-power flouring mills on Chapman's creek, capital \$10,000; water-power flouring mill on Turkey creek, capital \$6,000.

*Banks.*—Abilene Bank, at Abilene.

*Newspapers.*—The *Chronicle* at Abilene and *Gazette* at Enterprise, both weekly.

*Schools, etc.*—Organized school districts, 86; number of school houses, 70; value of school buildings and grounds, furniture and apparatus, \$68,500.

*Churches.*—Presbyterian: Organizations 4, membership 102, church edifices, 1, valuation \$3,200. Baptist: Organizations 5, membership 217, church edifices, 2:

valuation \$3,500. Methodist: Organizations 12, membership 175. Episcopal: Membership 6. Catholic: Organizations 3, membership 500, church edifices 1, valuation \$500. Lutheran: Organizations 1, membership 33. Universalist: Organizations 1, membership 15, church edifices 1, valuation \$1,800.

*Libraries.*—Of 14 townships, seven report two public libraries, with 317 volumes, and 53 private, with 4,883 volumes.

*Lands.*—Unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$73.00; poultry and eggs sold, \$2,897.50; number of pounds of wool produced, 7,220.

The prices of vacant land range from \$2 to \$6 per acre.

### DONIPHAN COUNTY.

Organized in 1855. Named in honor of Col. A. W. Doniphan, of Clay county, Missouri, who commanded a regiment of Missouri cavalry during the Mexican war. Marching across the plains, he took a leading part in the conquest of New Mexico. He was a zealous partizan in the agitation which arose on the opening of Kansas Territory to settlement. Square miles, 379; population to square mile, 86.79. Population in 1860, 8,083; in 1870, 13,969: increase in ten years, 5,886; population in 1875, 13,943: decrease in five years, 26; increase in fifteen years, 5,860.

#### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Burr Oak.....         | 1,074 | Centre.....           | 2,268 | Iowa.....             | 3,438 |
| Marion.....           | 713   | Washington.....       | 1,807 | Wayne.....            | 2,032 |
| Wolf River.....       | 2,593 |                       |       |                       |       |

*Nativity.*—Born in the United States, 12,373; in Germany, 648; in Ireland, 337; in England and Wales, 167; in Scotland, 17; in Sweden, Norway and Denmark, 173; in France, 63; in North of Europe, 17; in Italy, 4; in South of Europe, 76; in British America, 61; in countries not specified, 7.

*Sex.*—Males, 7,239; females, 6,704.

#### WHERE FROM TO KANSAS.

|                    |     |                     |       |                                            |     |
|--------------------|-----|---------------------|-------|--------------------------------------------|-----|
| Alabama.....       | 12  | Michigan.....       | 144   | Vermont.....                               | 14  |
| Arkansas.....      | 18  | Minnesota.....      | 87    | Virginia.....                              | 163 |
| California.....    | 25  | Mississippi.....    | 30    | West Virginia.....                         | 33  |
| Colorado.....      | 18  | Missouri.....       | 4,094 | Wisconsin.....                             | 186 |
| Connecticut.....   | 15  | Nebraska.....       | 159   | Dist. of Columbia and the Territories..... | 33  |
| Delaware.....      | 12  | New Hampshire.....  | 2     | Germany.....                               | 224 |
| Georgia.....       | 2   | New Jersey.....     | 18    | Ireland.....                               | 49  |
| Illinois.....      | 759 | New York.....       | 214   | England and Wales.....                     | 44  |
| Indiana.....       | 322 | North Carolina..... | 47    | Scotland.....                              | 1   |
| Iowa.....          | 502 | Ohio.....           | 987   | Sweden, Norway, Denmark.....               | 68  |
| Kentucky.....      | 256 | Oregon.....         | 1     | France.....                                | 33  |
| Louisiana.....     | 14  | Pennsylvania.....   | 256   | Other North of Europe.....                 | 7   |
| Maine.....         | 10  | Rhode Island.....   | 2     | Other South of Europe.....                 | 11  |
| Maryland.....      | 53  | Tennessee.....      | 59    | British America.....                       | 23  |
| Massachusetts..... | 28  | Texas.....          | 1     |                                            |     |

Born in Kansas, 4,952; not otherwise stated, 6.

*Occupation.*—There are 2,144, or 67 per cent., engaged in Agriculture; 510, or 15.9 per cent., in Professional and Personal service; 218, or 6.8 per cent., in Trade and Transportation; 328, or 10.2 per cent., in Manufactures and Mining.

**County Seat.**—Troy, the county seat, is 60 miles in an air line from Topeka, in a northeasterly direction.

**Face of the Country.**—Bottom lands, 25 per cent.; upland, 75 per cent.; forest, 16 per cent.; prairie, 84 per cent. Average width of bottoms, one mile; general surface of the country, undulating; eastern part of the county, bluffy.

**Timber.**—Average width of timber belts—on the Missouri river, one mile; other streams, one-quarter to one-half mile. Varieties: principally walnut, hickory, oak and cottonwood.

MAP OF DONIPHAN COUNTY, KANSAS, 1875.



**Principal Streams.**—Wolf river runs in a northeast direction through the county. It has several tributaries, and there are numerous small streams, some flowing northeast, others east and southeast, all draining toward the Missouri. The county is well supplied with springs; good well water at from 10 to 60 feet.

**Coal.**—None of any consequence developed.

**Building Stone, etc.**—No report as to extent, quality and variety of buildingstone, but there is believed to be plenty in the county. Good pottery clay is said to have been discovered, but it has not been worked.

*Railroad Connections.*—The St. Joseph & Denver City Railroad crosses the Missouri at Elwood, on the splendid new iron bridge, and traverses the entire extent of the county in a westerly direction. Principal stations, Elwood, Wathena, Troy and Severance. The Atchison & Nebraska Railroad crosses the southern line of the county near the centre, and leaves the county near its northwestern corner. Principal stations, Doniphan, Troy, Highland Station, Iowa Point and White Cloud. The St. Joseph & Topeka Railroad follows the St. Joseph & Denver City Railroad to Wathena; thence in a southwesterly direction to Doniphan, where it joins the Atchison & Nebraska Railroad.

*Agricultural Statistics.*—Acres in the county, 242,560; taxable acres, 234,339; under cultivation, 106,430.50; cultivated to taxable acres, 49.68 per cent.: increase of cultivated acres during the year, 12,413.50.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 3,002.00  | 30.00          | 60,040    | \$1.05 | \$ 63,042.00      |
| Rye.....bu.                   | 217.00    | 18.00          | 3,906     | .62    | 2,421.72          |
| Spring Wheat.....bu.          | 389.00    | 10.00          | 3,890     | .80    | 3,112.00          |
| Corn.....bu.                  | 84,107.00 | 44.00          | 3,700,708 | .25    | 925,177.00        |
| Barley.....bu.                | 87.00     | 26.00          | 2,262     | 1.25   | 2,827.50          |
| Oats.....bu.                  | 479.00    | 40.00          | 19,160    | .32    | 6,131.20          |
| Buckwheat.....bu.             | 695.00    | 22.00          | 15,290    | .85    | 12,996.50         |
| Potatoes, Irish.....bu.       | 1,000.00  | 100.00         | 100,000   | .40    | 40,000.00         |
| Sweet Potatoes.....bu.        | 10.00     | 120.00         | 1,200     | .84    | 1,008.00          |
| Sorghum.....gall.             | 116.00    | 110.00         | 12,760    | .40    | 5,104.00          |
| Castor Beans.....bu.          | 2.00      | 15.00          | 30        | 1.15   | 34.50             |
| Cotton.....lbs.               |           |                |           |        |                   |
| Flax.....bu.                  | 34.00     | 11.00          | 374       | 1.10   | 411.40            |
| Hemp.....lbs.                 |           |                |           |        |                   |
| Tobacco.....lbs.              |           |                |           |        |                   |
| Broom Corn.....bu.            | 86.00     | 800.00         | 68,800    | .07    | 4,816.00          |
| Millet and Hungarian.....tons | 1,927.00  | 2.75           | 5,299     | 5.00   | 26,495.00         |
| Timothy.....tons              | 38.00     | 1.50           | 57        | 7.50   | 427.50            |
| Clover.....tons               | 30.00     | 3.00           | 90        | 5.00   | 450.00            |
| Prairie.....tons              | 3,607.75  | 1.50           | 5,411     | 3.00   | 16,233.00         |

*Dairy Products.*—Cheese manufactured in 1870, 2,050 lbs. Butter manufactured in 1870, 194,396 lbs.; in 1875, 163,650 lbs.: decrease, 30,746 lbs.

*Farm Animals.*—Number of horses, in 1870, 4,124; in 1875, 4,402: increase, 278. Mules and asses, in 1870, 721; in 1875, 984: increase, 263. Cattle, in 1870, 10,627; in 1875, 11,774: increase, 1,147. Sheep, in 1870, 4,586; in 1875, 1,497: decrease, 3,089. Swine, in 1870, 23,272; in 1875, 17,574: decrease, 5,698.

*Dogs.*—Number of dogs in the county, 1,667; number of sheep killed by dogs, 191; value of sheep killed by dogs, \$445.03. Number of sheep killed by wolves, 48; value of sheep killed by wolves, \$111.84.

*Horticulture.*—Acres of nurseries, 69.75; orchards, 2,807; vineyards, 244.11.

*Apiaculture.*—Number of stands of bees, 536; pounds of honey, 3,556; wax, 393.

*Fences.*—Stone, 9,887 rods; cost, \$22 245.75. Rail, 123,379 rods; cost, \$154,054.80. Board, 331,177 rods; cost, \$488,486.07. Wire, 46,900 rods; cost, \$30,485. Hedge, 101,409 rods; cost, \$60,845.40. Total rods of fence, 617,752; total cost, \$756,117.02.

*Herd Law.*—The hog herd law is only in force; it is regarded as a great advantage.

*Water Powers.*—The water power is limited; several flouring mills are supplied.

*Manufactures.*—Iowa township, steam saw mill, capital \$2,000. One furniture factory and one flouring mill at White Cloud. Burr Oak Township, steam flouring mill, capital \$10,000. A brewery at Highland, and one at Wathena. Wolf River

township, steam flouring mill. Centre township, steam flouring mill. Washington township, three steam flouring mills. Wayne township, one steam saw and flouring mill, one steam flouring mill, one wagon and agricultural implement factory, two presses for the manufacture of wine, one water-power flouring mill.

*Banks.*—Banking house of Jno. P. Johnson, Highland; banking house of Boder Bros., Troy, employing an aggregate capital of \$10,000.

*Newspapers.*—The *Kansas Chief*, published at Troy, and the *Reporter* at Wathena; weeklies.

*Schools, etc.*—Organized school districts, 68; school houses 71; value of school buildings and grounds, furniture and apparatus, \$89 500. Highland University, at Highland, under the care of the Presbyterian Synod of Kansas; property valued at \$75,000. Catholic parochial schools at Doniphan and Severance.

*Churches.*—Presbyterian: Organizations 4, membership 254, church edifices 3, valuation \$12,700. Congregational: Organizations 2, membership 39, church edifices 2, valuation \$3,000. Baptists: Organizations 6, membership 291, church edifices 2, valuation \$7,000. Methodist: Organizations 21, membership 471, church edifices 9, valuation \$22,900. Episcopal: Organizations 2, membership 16. Catholic: Organizations 7, membership 1,025, church edifices 3, valuation \$5,000.

*Libraries.*—Only two townships give reports, these have 18 private libraries, containing 3,273 volumes.

*Lands.*—There are no unsold lands in this county.

*Miscellaneous.*—Produce of gardens marketed, \$1,488; poultry and eggs sold, \$7,339.50; pounds of wool produced, 3,270.

*Wages.*—Farm laborers, per month, with board, \$10 to \$20; laborers in cities or on public improvements, \$1 to \$2.50 per day; carpenters, \$2 to \$3 per day; bricklayers and stonemasons, per day, \$3 to \$5; house painters, per day, \$2 to \$4; wagon-makers, per day, \$3; blacksmiths, \$2 to \$3; shoemakers, \$1.50 to \$2.50; Harness-makers, \$1.50 to \$2.50 per day; tailors, per day, \$2 to \$2.50; printers, per day, \$1.50 to \$2.50; per 1,000 ems, 40 cents; clerks \$30 to \$40 per month.

Prices of vacant lands range from \$4 to \$10.

## DOUGLAS COUNTY.

Organized in 1855. Named in honor of Stephen A. Douglas, an eminent United States Senator from Illinois, and a candidate for President in 1860. As a senator, in 1854, he took a leading part in securing the adoption of the popular sovereignty principle in the act organizing Kansas Territory. Square miles, 469; population to square mile, 39.45: Population in 1860, 8,637; in 1870, 20,592: increase in ten years, 11,955; population in 1875, 18,505: decrease in five years, 2,087: increase in fifteen years, 9,868.

### . POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

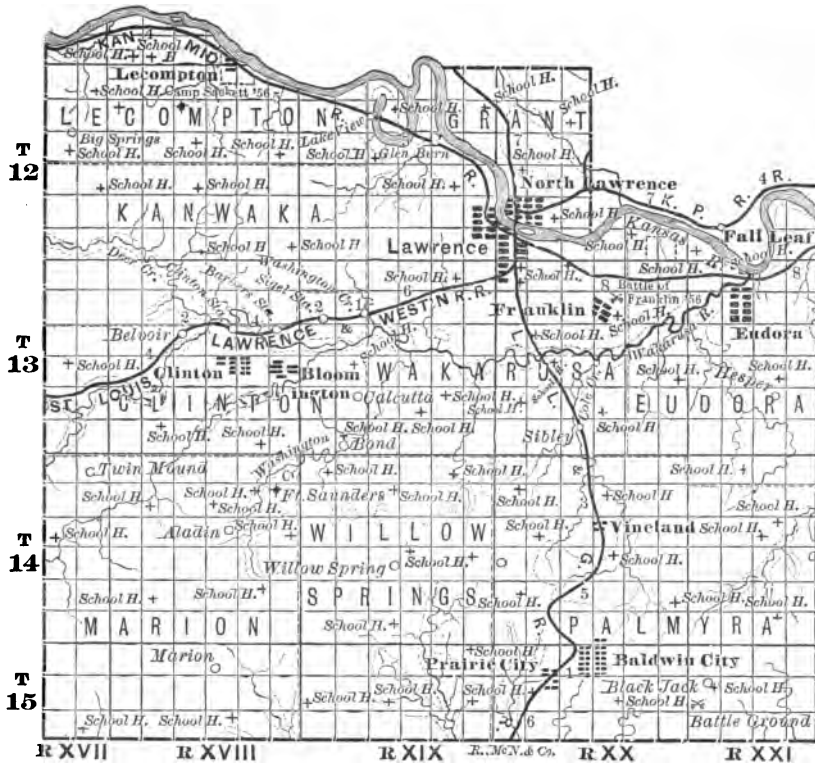
| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES.  | POP.  |
|-----------------------|-------|-----------------------|-------|------------------------|-------|
| Clinton .....         | 743   | Kanwaka .....         | 805   | Palmyra .....          | 2,065 |
| Eudora .....          | 1,665 | Lecompton .....       | 1,011 | City of Lawrence ..... | 7,368 |
| Grant .....           | 506   | Marion .....          | 948   | Wakarusa .....         | 2,414 |
| Willow Springs .....  | 1,080 |                       |       |                        |       |



*Nativity.*—Born in the United States, 16,181; in Germany, 794; in Ireland, 380; in England and Wales, 373; in Scotland, 65; in Sweden, Norway and Denmark, 328; in France, 91; in North of Europe, 5; in South of Europe, 64; in British America, 206; in countries not specified, 11.

*Sex.*—Males, 9,834; females, 9,171.

MAP OF DOUGLAS COUNTY, KANSAS, 1875.



## WHERE FROM TO KANSAS.

|                    |       |                     |       |                            |     |
|--------------------|-------|---------------------|-------|----------------------------|-----|
| Alabama.....       | 47    | Minnesota.....      | 30    | Virginia.....              | 148 |
| Arkansas.....      | 245   | Mississippi.....    | 21    | West Virginia.....         | 13  |
| California.....    | 28    | Missouri.....       | 2,364 | Wisconsin.....             | 416 |
| Colorado.....      | 28    | Nebraska.....       | 40    | Dist. of Columbia and the  |     |
| Connecticut.....   | 74    | Nevada.....         | 1     | Territories.....           | 55  |
| Delaware.....      | 1     | New Hampshire.....  | 64    | Germany.....               | 310 |
| Georgia.....       | 22    | New Jersey.....     | 77    | Ireland.....               | 85  |
| Illinois.....      | 1,764 | New York.....       | 627   | England and Wales.....     | 133 |
| Indiana.....       | 1,387 | North Carolina..... | 65    | Scotland.....              | 18  |
| Iowa.....          | 724   | Ohio.....           | 1,290 | Sweden, Norway and Den-    |     |
| Kentucky.....      | 208   | Pennsylvania.....   | 784   | mark.....                  | 268 |
| Louisiana.....     | 31    | Rhode Island.....   | 41    | France.....                | 28  |
| Maine.....         | 76    | South Carolina..... | 1     | Other North of Europe..... | 4   |
| Maryland.....      | 40    | Tennessee.....      | 98    | Other South of Europe..... | 7   |
| Massachusetts..... | 325   | Texas.....          | 59    | British America.....       | 160 |
| Michigan.....      | 403   | Vermont.....        | 63    |                            |     |

Born in Kansas, 5,805; not otherwise stated, 27.

*Occupation.*—There are 2,355, or 47.9 per cent., engaged in Agriculture; 1,178, or

23.9 per cent., in Professional and Personal service; 688, or 13.9 per cent., in Trade and Transportation; 695, or 14.1 per cent., in Manufactures and Mining.

*County Seat.*—Lawrence, the county seat, is 25 miles in an air line from Topeka, in an easterly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 6 per cent.; prairie, 94 per cent. Average width of bottoms, one mile; general surface of the country, undulating.

*Timber.*—The width of timber belts ranges from a few rods to one mile. Varieties: walnut, ash, hackberry, oak, elm, cottonwood, etc.

*Principal Streams.*—The Kansas river and the Wakarusa. The former runs a little south of east; the latter a little north of east. Also numerous small streams. The county is well supplied with springs; good well water obtained at a depth of 25 feet.

*Coal.*—Coal is supposed to underlie the whole county. Thickness from 12 to 20 inches, and at a depth of from 10 feet below the surface downward; quality poor, and not much developed as yet.

*Building Stone, etc.*—Plenty of building stone of fine quality in various localities. Fire and pottery clay reported on Mount Oread, near Lawrence.

*Railroad Connections.*—The Kansas Pacific Railway crosses the northern corner of the county; principal station, Lawrence. The Leavenworth, Lawrence & Galveston Railway runs nearly through the centre of the county from north to south; principal stations, Lawrence, Baldwin City, Prairie City. The St. Louis, Lawrence & Denver (Pleasant Hill) Railroad follows the Kansas river to De Soto, Johnson county, thence southeast to Olathe and Pleasant Hill, Mo. The Lawrence & Southwestern Railroad connects Lawrence with the Atchison, Topeka & Santa Fe Railroad at Carbondale, in Osage county. The Kansas Midland Railroad runs on the south bank of the Kansas River from Topeka to Kansas City; principal stations, Lawrence, Lecompton and Eudora.

*Agricultural Statistics.*—Acres in the county, 300,160; taxable acres, 291,434; under cultivation, 147,923.75; cultivated to taxable acres, 50.75 per cent.: increase of cultivated acres during the year, 38,779.75.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE.  | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|---------|-------------------|
| Winter Wheat.....bu.          | 2,902.00  | 18.00          | 52,236    | \$1.02½ | \$ 53,541.90      |
| Rye.....bu.                   | 575.00    | 18.00          | 10,350    | .60     | 6,210.00          |
| Spring Wheat.....bu.          | 10.00     | 10.00          | 100       | .75     | 75.00             |
| Corn.....bu.                  | 70,099.00 | 41.00          | 2,874,059 | .25     | 718,514.75        |
| Barley.....bu.                | 16.00     | 22.00          | 352       | 1.24    | 436.48            |
| Oats.....bu.                  | 4,350.00  | 32.00          | 152,250   | .30     | 45,675.00         |
| Buckwheat.....bu.             | 460.75    | 20.00          | 9,215     | .45     | 4,147.25          |
| Potatoes, Irish.....bu.       | 1,530.50  | 95.00          | 144,447   | .45     | 65,001.15         |
| Sweet Potatoes.....bu.        | 230.00    | 150.00         | 34,500    | 1.20    | 41,400.00         |
| Sorghum.....gall.             | 745.00    | 100.00         | 74,500    | .30     | 22,350.00         |
| Castor Beans.....bu.          | 635.50    | 14.00          | 8,897     | 1.10    | 9,786.70          |
| Cotton.....bs.                | 3.00      | 75.00          | 225       | .08     | 1,800.00          |
| Flax.....bu.                  | 641.00    | 10.00          | 6,410     | 1.06    | 6,794.60          |
| Hemp.....bs.                  | 81.50     | 800.00         | 65,200    | .68     | 44,336            |
| Tobacco.....bs.               | 450.00    | 700.00         | 3,150     | .08     | 252.00            |
| Broom Corn.....bs.            | 384.00    | 725.00         | 278,400   | .08     | 22,272.00         |
| Millet and Hungarian.....tons | 5,047.00  | 2.75           | 13,879    | 5.00    | 69,395.00         |
| Timothy.....tons              | 1,345.00  | 1.25           | 2,306     | 6.75    | 15,565.50         |
| Clover.....tons               | 605.00    | 250.00         | 1,513     | 6.00    | 9,078.00          |
| Prairie.....tons              | 22,983.00 | 1.50           | 34,474    | 3.00    | 103,422.00        |

*Dairy Products.*—Cheese manufactured in 1870, 8,381 lbs.; in 1875, 9,465 lbs.:



increase, 1,084 lbs. Butter manufactured in 1870, 293,376 lbs.; in 1875, 304,543 lbs.: increase, 11,166 lbs.

*Farm Animals.*—Number of horses, in 1870, 6,614; in 1875, 6,565: decrease, 49. Mules and asses, in 1870, 434; in 1875, 481: increase, 47. Cattle, in 1870, 16,321; in 1875, 17,824: increase, 1,503. Sheep, in 1870, 1,898; in 1875, 941: decrease, 957. Swine, in 1870, 14,504; in 1875, 7,497: decrease, 7,007.

*Dogs.*—Number of dogs in the county, 1,751; number of sheep killed by dogs, 171; value of sheep killed by dogs, \$398.48. Number of sheep killed by wolves, 15; value of sheep killed by wolves, \$34.95.

*Horticulture.*—Acres of nurseries, 208; orchards, 5,040.45; vineyards, 433.79.

*Apiaculture.*—Number of stands of bees, 540; pounds of honey, 1,858; wax, 42.

*Fences.*—Stone, 80,730 rods; cost, \$232,098.75. Rail, 235,198 rods; cost, \$343,389.09. Board, 119,772 rods; cost, \$167,680.80. Wire, 43,500 rods; cost, \$33,712.50. Hedge, 287,265 rods; cost, \$172,859. Total rods of fence, 766,465; total cost, \$949,240.13.

*Herd Law.*—The herd law is not in force. One correspondent says: "If we do not secure it, it will take all our timber to rebuild fences in the next five years." Another correspondent writes: "It would add ten dollars to the value of every acre of bottom land, and five dollars to every acre of upland in the county." A third report states that it is viewed unfavorably by some few in the county.

*Water Powers.*—There are good water powers. A dam has recently been erected across the Kansas river at Lawrence, which will furnish 1,500 horse power; a flouring mill has been erected in connection with it.

*Manufactures.*—Lawrence: Planing mill, machine shop, 7 wagon and carriage factories, 2 agricultural implement factories, 4 grist mills, 2 elevators, 2 breweries, 4 packing houses, a tannery, soap factory, woolen factory, pottery, 3 furniture factories, 2 mineral water factories operated by steam power, steam foundry, brick manufactory, Baldwin City, steam saw and grist mill. Clinton, steam saw and grist mill.

*Banks.*—National Bank of Lawrence, capital, \$100,000; Lawrence Savings Bank; Simpson's Bank, and State Bank, both of Lawrence. The three last named banks have an aggregate capital of \$112,250.

*Business Houses of Principal Town.*—City of Lawrence: Agricultural implements and wagons, 4; books, periodicals, and stationery, 2; boots and shoes, 5; clothing and tailoring, 4; confectionery, 4; dry goods, 7; drugs, oils and paints, 11; furniture and upholstery, 3; groceries, 39; gunsmiths, 2; hardware, 5; jewelry, clocks, watches, etc., 4; livery stables, 7; lumber, 3; music and musical instruments, 3; millinery, 3; general country stores, 9; queensware, 1; saddles and harness, 6; sewing machines, 3.

*Newspapers.*—The *Republican*, *Journal*, *Tribune* and *Standard*, daily and weekly, and *Spirit of Kansas*, and *Sentinel*, both weeklies, Lawrence.

*Schools, etc.*—Organized school districts, 84; school houses, 93; value of school buildings and grounds, furniture and apparatus, \$196,560. The State University is located at Lawrence; Baker University, under the charge of the Methodist denomination, at Baldwin City; buildings valued at \$40,000. Parochial schools at Lawrence and Eudora, under the auspices of the Catholic church.

*Churches.*—Presbyterian: Organizations 5, membership 350, church edifices 4, valuation \$20,000. Congregational: Organizations 6, membership 552, church edifices, 3, valuation \$51,700. Baptist: Organizations 5, membership 407, church edifices 2, valuation \$25,000. United Presbyterian: Organizations, 1, membership 90, church edifices, 1, valuation \$8,000. Methodist: Organizations 4, membership 1,022, church edifices 4, valuation \$23,800. Episcopal: Organizations 1,

membership 140, church edifices 1, valuation \$35,000. Catholic: Organizations 6, membership 1,270, church edifices 5, valuation \$15,000. Lutheran: Organizations 1, membership 55, church edifices 1, valuation \$6,500. Universalist: Organizations 1, membership 40, church edifices, 1, valuation \$15,000.

*Libraries.*—Three public libraries, containing 5,200 volumes, and 39 private libraries, with 2,917 volumes, are reported in five townships.

*Lands.*—There are no unsold lands in this county.

*Miscellaneous.*—Garden produce marketed, \$14,074; poultry and eggs sold, \$7,887.75; number of pounds of wool produced, 3,144.

*Wages.*—Farm laborers, per month, with board, \$8 to \$20; laborers in cities, or on public improvements, per day, .75 to \$1.50; carpenters, per day, \$1.50 to \$3; bricklayers and stonemasons, per day, \$2 to \$3.50; house painters, per day, \$2 to \$2.50; wagon makers, per day, \$1.50 to \$2; blacksmiths, per day, \$2 to \$2.50; shoemakers, per day, \$1.50 to \$2; harness makers, per day, \$1.50 to \$2; printers, per 1,000 ems, 30 to 40 cents; clerks, per month, \$25 to \$100; tanners, per day, \$2 to \$3.50.

The prices of vacant lands range from \$2 to \$12 per acre.

### EDWARDS COUNTY.

Organized in 1874. Named in honor of Hon. John H. Edwards, of Ellis, Kansas. The county was organized in August, 1874. The first settlement was made in March, 1873, by the "Massachusetts Colony." Square miles, 972. Population to square mile, .24. Population in 1875, 234.

#### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|------|-----------------------|-------|
| Kinsley .....         | 149  | Trenton .....         | 85   | .....                 | ..... |

*Nativity.*—Born in the United States, 201; in Germany, 11; in Ireland, 7; in England and Wales, 12; in Scotland, 3.

*Sex.*—Males, 138; females, 96.

#### WHERE FROM KANSAS.

|                |    |                     |     |                      |       |
|----------------|----|---------------------|-----|----------------------|-------|
| Colorado ..... | 1  | Massachusetts ..... | 119 | New York .....       | 3     |
| Illinois ..... | 33 | Michigan .....      | 1   | Ohio .....           | 4     |
| Iowa .....     | 4  | Minnesota .....     | 16  | South Carolina ..... | 3     |
| Kentucky ..... | 2  | New Hampshire ..... | 5   | Wisconsin .....      | 26    |
| Maine .....    | 17 | New Jersey .....    | 2   | .....                | ..... |

Born in Kansas, 4.

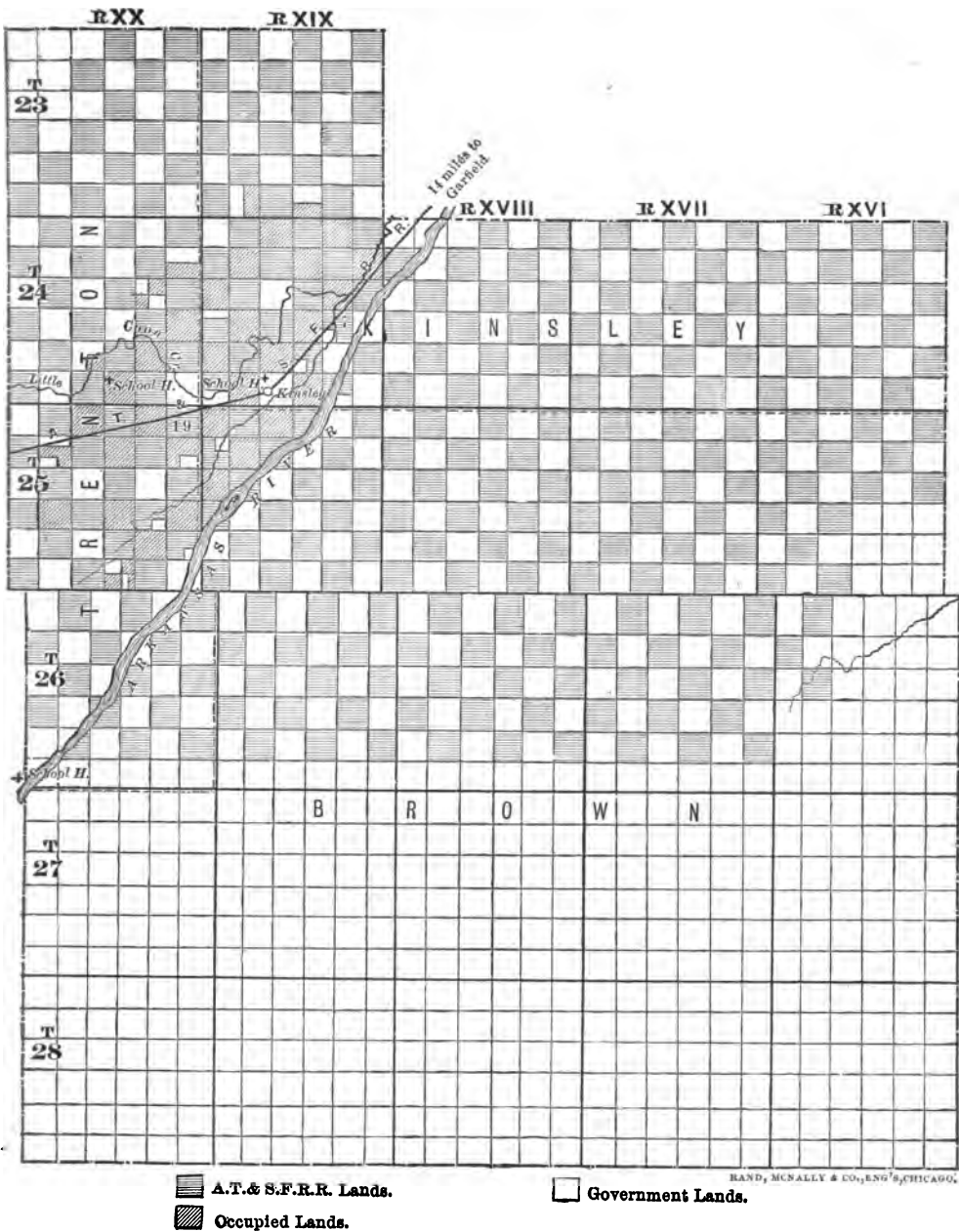
*Occupation.*—There are 67, or 75.2 per cent., engaged in Agriculture; 3, or 3.3 per cent.; in Professional and Personal service; 3, or 3.3 per cent., in Trade and Transportation; 16, or 17.8 per cent., in Manufactures and Mining.

*County Seat.*—Kinsley, the county seat, is 216 miles in an air line from Topeka, in a southwesterly direction.

*Face of Country.*—The Arkansas river bottom is about three miles wide. The rest of the country is upland rolling prairie.

*Timber.*—None worth mention.

MAP OF EDWARDS COUNTY, KANSAS, 1875.



*Principal Streams.*—The Arkansas river runs through the county in a northeasterly direction. Big Coon creek, containing water most of the year, empties into the Arkansas.

*Coal.*—None has been discovered.

*Building Stone.*—Common limestone has been found in different parts of the county.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad runs across the northwest corner of the county. Principal station, Kinsley.

*Agricultural Statistics.*—Acres in the county, 737,280; taxable acres, 143,961; under cultivation, 1,166.50; cultivated to taxable acres, 81 per cent.; increase of cultivated acres during the year, 1,166.50.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                  | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE.  | VALUE OF PRODUCT. |
|-------------------------|----------|----------------|----------|---------|-------------------|
| Winter Wheat.....bu.    | 202.00   | 15.00          | 3,030    | \$ .92½ | \$ 2,802.75       |
| Rye.....bu.             | 13.00    | 16.00          | 208      | .58     | 120.64            |
| Spring Wheat.....bu.    | 4.50     | 12.00          | 54       | .78     | 42.12             |
| Corn.....bu.            | 855.00   | 35.00          | 29,925   | .30     | 8,977.50          |
| Barley.....bu.          | 46.50    | 18.00          | 837      | 1.20    | 1,004.40          |
| Oats.....bu.            | 39.50    | 20.00          | 790      | .35     | 276.50            |
| Potatoes, Irish.....bu. | .50      | 75.00          | 37       | .80     | 29.60             |
| Sweet Potatoes.....bu.  | 5.00     | 130.00         | 650      | 1.75    | 1,137.50          |
| Sorghum.....gall.       | .50      | 90.00          | 45       | .40     | 18.00             |

*Dairy Products.*—Butter manufactured in 1875, 830 lbs.

*Farm Animals.*—Number of horses, in 1875, 78. Mules and asses, in 1875, 8. Cattle, in 1875, 132. Sheep, in 1875, 419. Swine, in 1875, 29.

*Dogs.*—Number of dogs in the county, 27.

*Horticulture.*—Orchards, 12.50.

*Fences.*—Hedge, 500 rods; cost, \$300. Total rods of fence, 500; total cost, \$300.

*Herd Law.*—The herd law has been in force throughout the county since February last. A correspondent says: "It has had the effect of making every man keep his stock off his neighbor's crop."

*Water Powers.*—None.

*Manufactures.*—None.

*Banks.*—None in the county.

*Newspapers.*—The *Reporter*, at Kinsley, weekly.

*Schools.*—Organized school districts, 1; number of school houses, 1; value of school buildings and grounds, furniture and apparatus, \$530.

*Churches.*—Congregational: Organizations 2, membership 18, church edifices 1, valuation \$2,000.

*Libraries.*—No report.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Poultry and eggs sold, \$132; pounds of wool produced, 1,270.

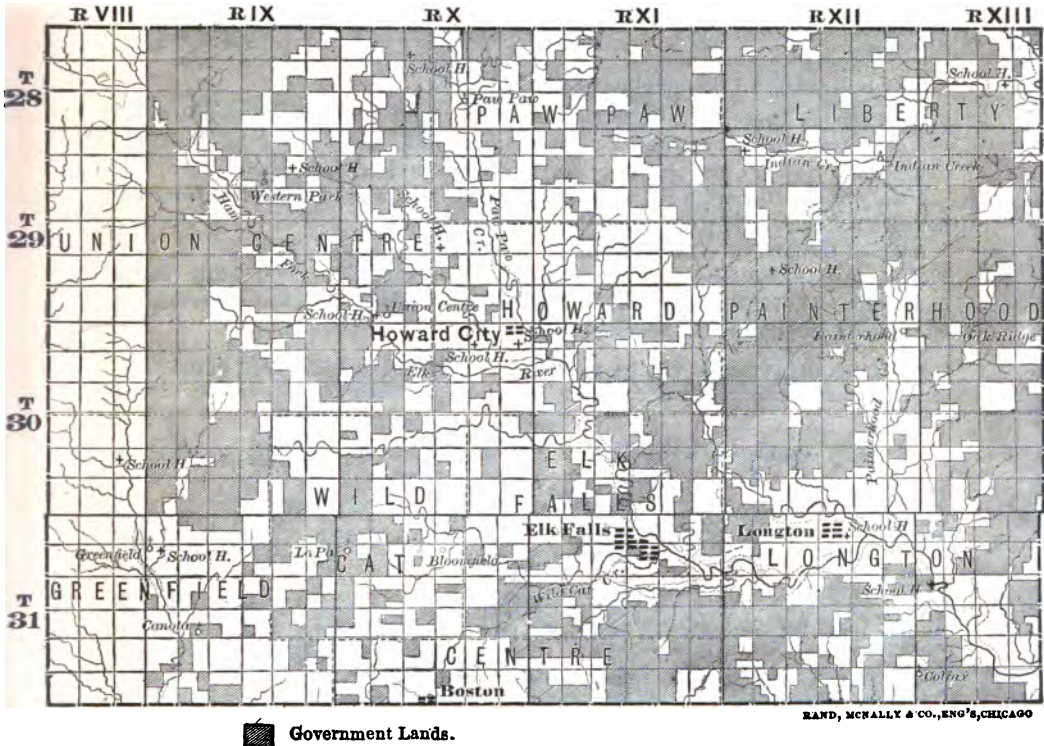
*Wages.*—Farm laborers, per month, with board, \$15 to \$20; carpenters, per day, \$2 to \$3; bricklayers and stonemasons, per day, \$2 to \$3; house painters, per day, \$2 to \$3; blacksmiths, per day, \$3; shoemakers, \$2 to \$3.

The prices of vacant lands range from \$1.50 to \$5.00 per acre.

## ELK COUNTY.

Organized in 1875. Named for the Elk river, which traverses the county from northwest to southeast. Square miles, 651. Population to square mile. 9.54  
 \* Population in 1875, 6,215.

MAP OF ELK COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|-------|-----------------------|------|-----------------------|------|
| Elk Falls.....        | 1,113 | Greenfield.....       | 686  | Liberty.....          | 585  |
| Longton.....          | 959   | Paw Paw.....          | 534  | Painter Hood.....     | 443  |
| Union Centre.....     | 711   | Wild Cat.....         | 472  | Howard.....           | 712  |

*Nativity.*—Born in the United States, 5,092; in Germany, 150; in Ireland, 44; in England and Wales, 54; in Scotland, 27; in Sweden, Norway and Denmark, 33; in France, 1; in North of Europe, 1; in South of Europe 5; in British America, 94; in countries not specified, 714.

*Sex.*—Males, 3,253; females, 2,962.

\* See note to Chautauqua County.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                           |    |
|--------------------|-------|---------------------|-----|---------------------------|----|
| Alabama.....       | 3     | Mississippi.....    | 1   | Virginia.....             | 39 |
| Arkansas.....      | 59    | Missouri.....       | 849 | West Virginia.....        | 6  |
| California.....    | 15    | Nebraska.....       | 25  | Wisconsin.....            | 45 |
| Colorado.....      | 4     | New Jersey.....     | 6   | Dist. of Columbia and the |    |
| Georgia.....       | 3     | New York.....       | 25  | Territories.....          | 14 |
| Illinois.....      | 1,227 | North Carolina..... | 13  | Germany.....              | 2  |
| Indiana.....       | 608   | Ohio.....           | 219 | Ireland.....              | 1  |
| Iowa.....          | 760   | Oregon.....         | 6   | England and Wales.....    | 13 |
| Kentucky.....      | 121   | Pennsylvania.....   | 26  | Scotland.....             | 8  |
| Maine.....         | 14    | Tennessee.....      | 28  | Sweden, Norway and Den-   |    |
| Massachusetts..... | 3     | Texas.....          | 26  | mark.....                 | 13 |
| Michigan.....      | 75    | Vermont.....        | 10  | British America.....      | 46 |
| Minnesota.....     | 32    |                     |     |                           |    |

Born in Kansas, 1,157; not otherwise stated, 713.

*Occupation.*—There are 1,054, or 83.3 per cent., engaged in Agriculture; 60, or 4.7 per cent., in Professional and Personal Service; 31, or 2.4 per cent., in Trade and Transportation; 119, or 9.4 per cent., in Manufactures and Mining.

*County Seat.*—Howard City, the county seat, is 113 miles in an air line from Topeka, in a southwesterly direction.

*Railroad Connections.*—No railroads yet built in the county.

*Agricultural Statistics.*—Acres in county, 414,080; taxable acres, 157,228; under cultivation, 48,071.93; cultivated to taxable acres, 30.57 per cent.: increase of cultivated acres during the year, 7,540.43.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 6,182.50  | 20.00          | 123,650  | \$.86  | \$106,339.00      |
| Rye.....bu.                   | 138.00    | 22.00          | 3,036    | .50    | 1,518.00          |
| Spring Wheat.....bu.          | 21,396.00 | 42.00          | 894,421  | .42    | 201,944.72        |
| Corn.....bu.                  | 75.00     | 24.00          | 1,800    | 1.18   | 2,124.00          |
| Barley.....bu.                | 1,065.00  | 34.00          | 36,218   | .20    | 7,243.60          |
| Oats.....bu.                  | 12.00     | 20.00          | 240      | .80    | 192.00            |
| Buckwheat.....bu.             | 425.16    | 100.00         | 42,516   | .35    | 14,890.60         |
| Potatoes, Irish.....bu.       | 5.99      | 160.00         | 958      | .75    | 718.50            |
| Sweet Potatoes.....bu.        | 508.12    | 100.00         | 50,812   | .35    | 17,784.20         |
| Sorghum.....gall.             | 314.12    | 12.00          | 3,769    | 1.05   | 3,957.45          |
| Castor Beans.....bu.          | 10.62     | 150.00         | 1,593    | .07    | 111.51            |
| Cotton.....bu.                | 131.56    | 9.00           | 1,184    | .95    | 1,124.80          |
| Flax.....bu.                  | 8.00      | 600.00         | 4,800    | .60    | 2,880             |
| Hemp.....bu.                  | 10.50     | 650.00         | 6,825    | .06    | 409.50            |
| Tobacco.....bu.               | 29.37     | 730.00         | 21,440   | .05    | 1,072.00          |
| Broom Corn.....bu.            |           |                |          |        |                   |
| Millet and Hungarian.....tons |           |                |          |        |                   |
| Timothy.....tons              | 1.30      | 100.00         | 130      | 7.50   | 975.00            |
| Clover.....tons               | 33.00     | 2.00           | 66       | 6.50   | 429.00            |
| Prairie.....tons              | 7,384.00  | 1.50           | 11,076   | 3.00   | 33,228.00         |

## EXTRAORDINARY YIELD.—

Statement of Jael Hamor, of Longton:

*Winter Wheat.*—Last fall I cut up and removed a crop of corn, and sowed Mediterranean wheat, broadcast, on the ground, and harrowed it in. The land is river bottom, part timber and part prairie. It was broken in 1870, and has been in wheat ever since, until last year. I harvested the crop on the 18th of July, and had 44 bushels per acre.

I mowed and burned off some fallow prairie, plowed it deep with heavy teams, and on the 1st, 2d and 3d of October, drilled in May wheat. Harvested at the same time, and obtained a yield of 45 bushels per acre.

*Corn.*—Last year I made careful measurement of my corn crop, and it averaged over 60 bushels per acre.

Statement of G. A. Hiltabedle, of Elk Falls:

*Potatoes.*—I planted Peach potatoes, which yielded 366 bushels per acre.

The soil is prairie bottom, sandy loam. This was the third crop. The first crop was corn, the second wheat. The ground was summer fallowed. The potatoes for half of the land were cut into small pieces, one eye in a piece, and dropped eight to ten inches apart, and covered with a plow. On the other half small potatoes, uncut, were planted the same way. The crop was plowed once with a double-shovel plow, and the weeds kept down by hoeing, the ground being left level. The potatoes were planted on the 20th of May and harvested on the 10th of October.

The cost of producing  $1\frac{1}{2}$  acres was as follows:

|                                          |         |
|------------------------------------------|---------|
| Plowing ground.....                      | \$ 3.00 |
| Seed, 13 bushels, at \$1 per bushel..... | 13.00   |
| Cultivating crop.....                    | 3.00    |
| Harvesting.....                          | 25.00   |
| Total.....                               | \$44.00 |

*Dairy Products.*—Cheese manufactured in 1870, 325 lbs.; in 1875, 3,420 lbs.: increase, 3,095 lbs. Butter manufactured in 1860, 3,600 lbs.; in 1875, 122,883 lbs.: increase, 119,283 lbs.

*Farm Animals.*—Number of horses, in 1870, 118; in 1875, 2,423: increase, 2,305. Mules and asses, in 1870, 10; in 1875, 367: increase, 357. Cattle, in 1870, 915; in 1875, 10,652: increase, 9,737. Sheep, in 1870, 892; in 1875, 4,630: increase, 4,238. Swine, in 1870, 224; in 1875, 4,445: increase, 4,221.

*Dogs.*—Number of dogs in the county, 1,212; number of sheep killed by dogs, 30; value of sheep killed by dogs, \$69.90. Number of sheep killed by wolves, 32; value of sheep killed by wolves, \$74.56.

*Horticulture.*—Acres of nurseries, 2.25; orchards, 14.33; vineyards, 21.24.

*Apiculture.*—Number of stands of bees, 8.

*Fences.*—Stone, 9,208 rods; cost, \$19,567. Rail, 166,390 rods; cost, \$232,946. Board, 7,311 rods; cost, \$10,966.50. Wire, 18,200 rods; cost, \$13,195. Hedge, 124,420 rods; cost, \$68,431. Total rods of fence, 325,529; total cost, \$345,105.50.

*Herd Law.*—The herd law not in force in this county. It is thought by our correspondent that its effect would be disastrous.

*Manufactures.*—Union Centre Township, water power grist mill, and broom factory. Howard Township, wagon factory. One steam grist mill at Paw Paw.

*Banks.*—L. L. Turner & Co., Elk Falls.

*Newspapers.*—The *Ledger and Journal*, at Elk Falls; and the *Courant*, at Longton, all weekly.

*Schools, etc.*—Organized school districts, 74; number of school houses, 59; value of school buildings and grounds, furniture and apparatus, \$20,907.

*Churches.*—Baptist: Organizations 9, membership 288.

*Libraries.*—Four townships of the 12 report 38 private libraries, containing 1,739 volumes.

*Lands.*—The unsold lands are indicated on the accompanying map of the county.

*Miscellaneous.*—Garden produce sold, \$866; poultry and eggs sold, \$2,762.10; pounds of wool produced, 10,657.

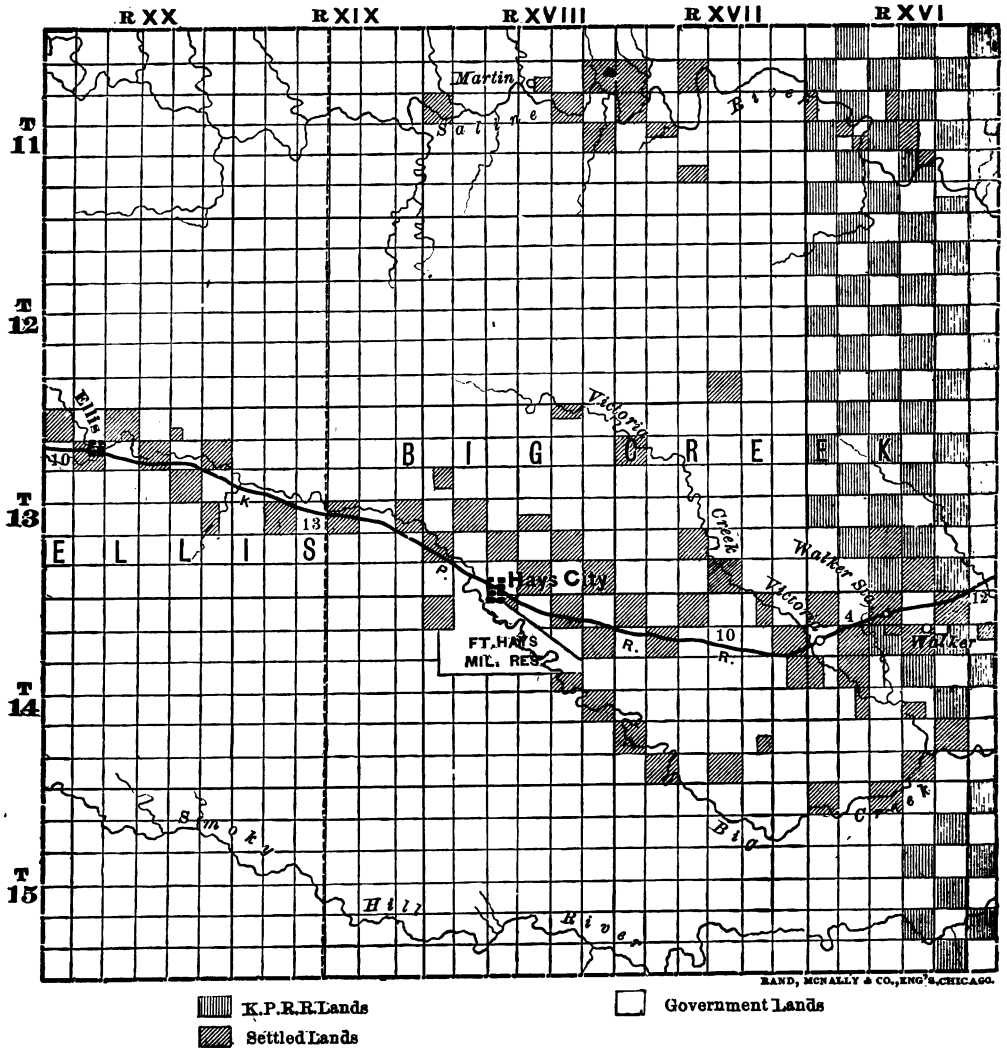
*Wages.*—Farm laborers, per month, with board, \$15 to \$18; carpenters, \$2 to \$2.50 per day; bricklayers and stonemasons, \$2 to \$2.50 per day; wagon makers, \$1.50 to \$3 per day; blacksmiths, \$1.50 to \$2 per day; shoemakers, \$1.50 to \$2 per day; harness makers, \$2 to \$2.50 per day; clerks, \$20 to \$25 per month; tinnern, \$1.50 to \$2 per day.

The vacant lands range from \$1.25 to \$4 per acre.

## ELLIS COUNTY.

Organized in 1867. Named in honor of George Ellis, First Lieutenant of Company I, Twelfth Kansas Infantry; killed in battle April 30, 1864, at Jenkins' Ferry, Arkansas. Square miles, 900; population to square mile, 1.04. Population in 1870, 1,336; population in 1875, 940: decrease in five years, 396.

MAP OF ELLIS COUNTY, KANSAS, 1875.



The people of Ellis county are mostly engaged in stock raising and grazing, which accounts for the decrease in population.



## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|------|-----------------------|-------|
| Big Creek.....        | 678  | Ellis .....           | 262  | .....                 | ..... |

*Nativity*—Born in the United States, 737; in Germany, 36; in Ireland, 51; in England and Wales, 37; in Scotland, 20; in Sweden, Norway and Denmark, 25; in France, 8; in North of Europe, 2; in Italy, 1; in South of Europe, 10; in British America, 13; in countries not specified, 5.

*Sex*.—Males, 528; females, 412.

## WHERE FROM TO KANSAS.

|                    |     |                     |     |                           |       |
|--------------------|-----|---------------------|-----|---------------------------|-------|
| Alabama.....       | 2   | Michigan.....       | 10  | West Virginia.....        | 3     |
| Arkansas.....      | 2   | Minnesota.....      | 3   | Wisconsin.....            | 27    |
| California.....    | 1   | Missouri.....       | 125 | Dist. of Columbia and the |       |
| Colorado.....      | 10  | Nebraska.....       | 7   | Territories.....          | 16    |
| Connecticut.....   | 2   | Nevada.....         | 1   | Germany.....              | 18    |
| Georgia.....       | 2   | New York.....       | 3   | Ireland.....              | 5     |
| Illinois.....      | 111 | North Carolina..... | 2   | England and Wales.....    | 25    |
| Indiana.....       | 33  | Ohio.....           | 38  | Scotland.....             | 13    |
| Iowa.....          | 26  | Pennsylvania.....   | 98  | Sweden, Norway and Den-   |       |
| Kentucky.....      | 13  | South Carolina..... | 2   | mark.....                 | 17    |
| Louisiana.....     | 4   | Tennessee.....      | 4   | Italy.....                | 1     |
| Maine.....         | 1   | Texas.....          | 36  | British America.....      | 2     |
| Maryland.....      | 5   | Vermont.....        | 3   | .....                     | ..... |
| Massachusetts..... | 10  | Virginia.....       | 8   | .....                     | ..... |

Born in Kansas, 141; not otherwise stated, 3.

*Occupation*.—There are 83, or 23.7 per cent., engaged in Agriculture; 118, or 33.7 per cent., in Professional and Personal service; 68, or 19.4 per cent., in Trade and Transportation; 81, or 23.1 per cent., in Manufactures and Mining.

*County Seat*.—Hays City, the county seat, is 196 miles in an airline from Topeka, in a westerly direction.

*Face of the Country*.—Bottom lands, 15 per cent.; upland, 85 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, one mile; general surface of the country—southeastern portion, level; central portion, undulating; and the western portion, bluff.

*Timber*.—The timber belts on the streams are quite insignificant. Varieties: ash, elm (white and red), box elder, cottonwood and hackberry.

*Principal Streams*.—The Smoky Hill river running through the southern tier of townships; the Saline through the northern tier of townships, and Big creek, a tributary of the Smoky, nearly through the centre; all running east, and diverging slightly to the south. There are some springs in the northern part of the county, but they are not numerous; well water is obtained in most localities at a depth of from 20 to 60 feet.

*Coal*.—A thin vein, said to have been discovered in the southeastern corner of the county, but the quality is very poor, and it has scarcely been used at all.

*Building Stone, etc.*—Magnesian limestone is found in great abundance in various parts of the county. It is easily worked, and is well adapted for building.

*Railroad Connections*.—The Kansas Pacific Railway runs from east to west through the county, about midway the centre and northern line. Principal stations, Hays City and Ellis.

*Agricultural Statistics*.—Acres in the county, 576,000; taxable acres, 85,544; under cultivation, 1,391.75; cultivated to taxable acres, 3.91 per cent.; decrease of cultivated acres during the year, 277.25.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.    | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|-------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 93.00   | 16.00          | 1,488    | \$ .98 | \$ 1,458.24       |
| Rye .....                  | bu. 187.00  | 20.00          | 3,740    | .55    | 2,057.00          |
| Spring Wheat .....         | bu. 55.25   | 15.00          | 829      | .80    | 663.20            |
| Corn .....                 | bu. 422.00  | 38.00          | 16,796   | .25    | 4,199.00          |
| Barley .....               | bu. 63.50   | 20.00          | 1,270    | 1.20   | 1,524.00          |
| Oats .....                 | bu. 209.00  | 25.00          | 5,225    | .80    | 1,567.50          |
| Potatoes, Irish .....      | bu. 10.25   | 95.00          | 974      | .48    | 467.52            |
| Sweet Potatoes .....       | bu. 1.00    | 130.00         | 130      | 1.50   | 195.00            |
| Sorghum .....              | gall. 15.50 | 100.00         | 1,550    | .50    | 775.00            |
| Flax .....                 | bu. 2.00    | 8.00           | 16       | .95    | 15.20             |
| Broom Corn .....           | bu. 2.25    | 600.00         | 1,350    | .04    | 54.00             |
| Millet and Hungarian ..... | tons 268.00 | 2.51           | 670      | 4.00   | 2,680.00          |
| Timothy .....              | tons 13.00  | 1.00           | 13       | 7.00   | 91.00             |
| Clover .....               | tons 8.00   | 2.00           | 16       | 7.00   | 112.00            |
| Prairie .....              | tons 8.00   | 1.50           | 4        | 3.50   | 14.00             |

*Dairy Products.*—Butter manufactured in 1875, 2,050 lbs.

*Farm Animals.*—Number of horses, in 1875, 91. Mules and asses, in 1875, 14. Cattle, in 1875, 744. Sheep, in 1875, 5,120. Swine, in 1875, 4.

*Dogs.*—Number of dogs in the county, 50; number of sheep killed by dogs, 12; value of sheep killed by dogs, \$27.96. Number of sheep killed by wolves, 55; value of sheep killed by wolves, \$128.15.

*Horticulture.*—Acres of nurseries, 1; orchards, 4.87.

*Fences.*—Stone, 255 rods; cost, \$510. Board, 1,272 rods; cost, \$2,060.64. Wire, 200 rods; cost, \$190. Hedge, 1,840 rods; cost, \$1,012. Total rods of fence, 3,567; total cost, \$3,772.64.

*Water Powers.*—The Saline and Big creek are said to furnish good powers, but none have been utilized.

*Manufactures.*—No returns.

*Banks.*—H. Krueger & Bro., Hays City.

*Newspapers.*—The *Hays City Sentinel*, published weekly at Hays City.

*Schools, etc.*—Organized school districts, 2; school buildings, 3; value of school buildings and grounds, furniture and apparatus, \$10,280.

*Churches.*—Presbyterian: Organizations 1, membership 25, church property \$1,500. Congregational: Organizations 2, membership 20. Baptist: membership 15. Catholic: Organizations 2, membership 305, value of buildings \$600.

*Libraries.*—No report.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$30; pounds of wool produced, 108.

The prices of vacant land range from \$3 to \$6 per acre.

## ELLSWORTH COUNTY.

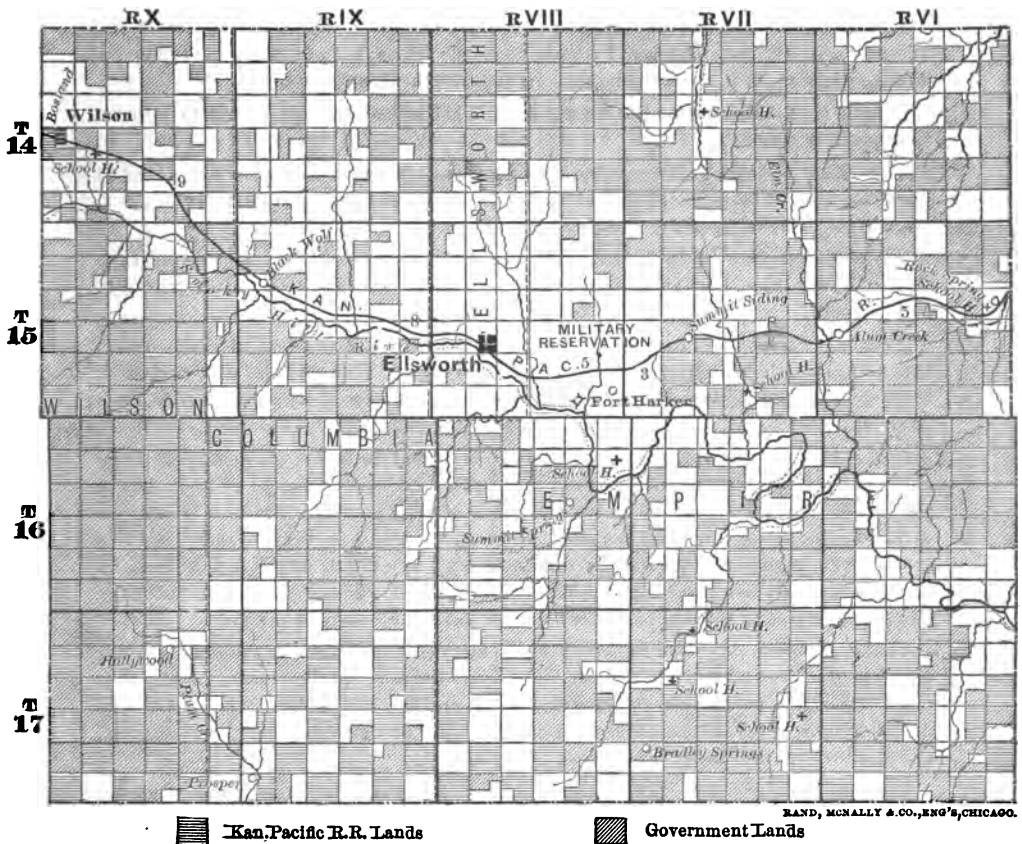
Organized in 1867. Named, it is supposed, in honor of Col. Ephraim E. Ellsworth, who first introduced the Zouave drill and organization into the United States, and who, among the first to enter the volunteer service in 1861, was killed on the 24th of May of that year while taking down a rebel flag at Alexandria, Virginia. It has been said, however, that Fort Ellsworth and the county were named in honor of an officer of that name, of an Iowa regiment, at one time in service on the frontier.

Square miles, 720; population to square mile, 2.44. Population in 1870, 1,185; population in 1875, 1,758: increase in five years, 573.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Columbia .....        | 273  | Ellsworth .....       | 572   | Empire .....          | 673   |
| Wilson .....          | 240  | .....                 | ..... | .....                 | ..... |

MAP OF ELLSWORTH COUNTY, KANSAS, 1875.



*Nativity.*—Born in the United States, 1,421; in Germany, 85; in Ireland, 70; in England and Wales, 46; in Scotland, 23; in Sweden, Norway and Denmark, 54; in France, 1; in North of Europe, 2; in South of Europe, 4; in British America, 49; in countries not specified, 8.

*Sex*—Males, 1,002; females, 756.

## WHERE FROM TO KANSAS.

|                     |     |                      |     |                             |     |
|---------------------|-----|----------------------|-----|-----------------------------|-----|
| Alabama .....       | 1   | Mississippi .....    | 1   | Virginia .....              | 24  |
| Arkansas .....      | 5   | Missouri .....       | 186 | West Virginia .....         | 6   |
| California .....    | --- | Nebraska .....       | 21  | Wisconsin .....             | 93  |
| Colorado .....      | 7   | Nevada .....         | 4   | Dist. of Columbia and the   |     |
| Connecticut .....   | 15  | New Jersey .....     | 5   | Territories .....           | 14  |
| Georgia .....       | 1   | New York .....       | 61  | Germany .....               | 16  |
| Illinois .....      | 224 | North Carolina ..... | 5   | Ireland .....               | 5   |
| Indiana .....       | 45  | Ohio .....           | 176 | England and Wales .....     | 14  |
| Iowa .....          | 263 | Oregon .....         | 3   | Scotland .....              | 9   |
| Kentucky .....      | 6   | Pennsylvania .....   | 63  | Sweden, Norway and Den-     |     |
| Maine .....         | 8   | Rhode Island .....   | 2   | mark .....                  | 18  |
| Maryland .....      | 17  | South Carolina ..... | 1   | France .....                | 1   |
| Massachusetts ..... | 6   | Tennessee .....      | 13  | Other North of Europe ..... | --- |
| Michigan .....      | 52  | Texas .....          | 30  | Other South of Europe ..... | --- |
| Minnesota .....     | 20  | Vermont .....        | 11  | British America .....       | 86  |

Born in Kansas, 264.

*Occupation.*—There are 349, or 56.3 per cent., engaged in Agriculture; 119, or 19.2 per cent., in Professional and Personal service; 51, or 8.2 per cent., in Trade and Transportation; 100, or 16.1 per cent., in Manufactures and Mining.

*County Seat.*—Ellsworth, the county seat, is 141 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 8 per cent.; upland, 92 per cent.; forest, 1 per cent.; prairie, 99 per cent. Width of bottoms, from one-fourth to one mile; general surface of the country, undulating; some portions bluffy.

*Timber.*—The very limited amount of timber is confined to the streams. Varieties: oak, ash, elm, hackberry, walnut and box elder; on the Smoky Hill, generally cottonwood.

*Principal Streams.*—The Smoky Hill river, running a little south of east through the county, with its tributaries, Mule, Bluff, Turkey, Thompson's, Ash and other creeks. The county is well supplied with springs; good well water reached at from 20 to 60 feet.

*Coal.*—Prof. B. F. Mudge states that coal is found in the southwest part of the county, in one or two townships, near the surface, in veins from 20 to 30 inches in thickness. Very little has been mined. It is of poor quality; lignite. H. Inman, of Ellsworth, states that coal has been mined in township 14, range 9 west, in veins from seven inches to two feet in thickness, and at a depth of 45 feet below the surface; also, in town 3, range 10 west, at a depth of 200 feet, in a vein of from two to three feet in thickness. It is not now mined in either of the above places.

*Building Stone, etc.*—There is plenty of magnesian limestone in the northern tier of townships, and some in the south half of the county; quality rather poor. It is reported that hydraulic cement, mineral paint and fire and pottery clay have been discovered in different localities, but none of the discoveries have been utilized, and the information concerning them is vague.

*Railroad Connections.*—The Kansas Pacific Railway runs through the county from east to west, following the line of the Smoky Hill. Principal station, Ellsworth.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 38,873; under cultivation, 9,810.26; cultivated to taxable acres, 25.56 per cent.: increase of cultivated acres during the year, 2,844.26.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.      | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|---------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 964.00    | 18.00          | 17,352   | \$1.00 | \$ 17,352.00      |
| Rye .....                  | bu. 809.00    | 20.00          | 16,180   | .55    | 8,899.00          |
| Spring Wheat .....         | bu. 1,195.50  | 15.00          | 17,932   | .68    | 12,193.76         |
| Corn .....                 | bu. 3,205.00  | 39.00          | 124,995  | .27½   | 34,373.62         |
| Barley .....               | bu. 804.50    | 20.00          | 6,090    | 1.30   | 7,906.00          |
| Oats .....                 | bu. 771.50    | 25.00          | 19,287   | .34    | 6,557.58          |
| Buckwheat .....            | bu. 16.50     | 18.00          | 297      | 1.00   | 297.00            |
| Potatoes, Irish .....      | bu. 51.87     | 120.00         | 6,164    | .50    | 308.20            |
| Sweet Potatoes .....       | bu. .81       | 140.00         | 113      | 1.37½  | 155.87            |
| Sorghum .....              | gall. 44.00   | 105.00         | 4,620    | .55    | 2,541.00          |
| Castor Beans .....         | bu. .06       | 10.00          | 1        | 1.10   | 1.10              |
| Flax .....                 | bu. 234.52    | 8.00           | 1,876    | .98    | 1,838.48          |
| Broom Corn .....           | bu. 163.00    | 600.00         | 97,800   | .04    | 3,912.00          |
| Millet and Hungarian ..... | tons 1,595.50 | 2.75           | 4,388    | 7.12½  | 31,264.50         |

## A CROP STATEMENT.

W. E. Fosnot, of Ellsworth, reports as follows:

*Buckwheat:* The first week in June, I sowed a field of buckwheat on upland prairie, upon which a crop of sod corn had been raised the year before. Plowed the latter part of last May with a twelve-inch stubble plow. The crop yielded twenty-five bushels of buckwheat to the acre. After harvest, the ground being in fine mellow condition, I sowed to fall wheat, which came up, and is doing well; while the ground upon which millet had been raised, being hard and lumpy, the wheat sown upon it at the same time did not come up.

*Dairy Products.*—Cheese manufactured in 1870, 10,150 lbs.; in 1875, 5,650 lbs.: decrease, 4,500 lbs. Butter manufactured in 1870, 10,096 lbs.; in 1875, 32,211 lbs.: increase, 22,115 lbs.

*Farm Animals.*—Number of horses, in 1870, 187; in 1875, 887: increase, 700. Mules and asses, in 1870, 80; in 1875, 84: increase, 4. Cattle, in 1870, 2,051; in 1875, 7,011: increase, 4,960. Sheep, in 1870, 28; in 1875, 784: increase, 756. Swine, in 1870, 186; in 1875, 1,163: increase, 977.

*Dogs.*—Number of dogs in the county, 249; number of sheep killed by dogs, 6; value of sheep killed by dogs, \$13.98. Number of sheep killed by wolves, 33; value of sheep killed by wolves, \$76.89.

*Horticulture.*—Acres of nurseries, 13.25; orchards, 51.75.

*Fences.*—Stone, 1,210 rods; cost, \$2,420. Rail, 18,211 rods; cost, \$27,316.50. Board, 4,759 rods; cost, \$7,852.85. Wire, 2,300 rods; cost, \$2,242.50. Hedge, 1,755 rods; cost, \$965. Total rods of fence, 28,235; total cost, \$40,796.60.

*Herd Law.*—The herd law has been in force in the whole county since May last, and it has had a most beneficial effect; it has built up a grain and domestic stock trade, and has brought peace and prosperity to the county. "May it be the rule all over the State."

*Water Powers.*—Water powers are reported on the Smoky Hill, but none have been utilized.

*Manufactures.*—Ellsworth, one saw mill. Fort Harker, one cheese factory.

*Banks.*—Banking house of D. W. Powers & Co., Ellsworth.

*Business Houses of Principal Town.*—City of Ellsworth: Agricultural implements and wagons, 2; books, periodicals and stationery, 3; boots and shoes, 2; clothing and tailoring, 6; confectionery, 2; carriage depositories, 3; dry goods, 2; drugs, oils and paints, 2; furniture and upholstery, 2; groceries, 5; gunsmith, 1; hardware, 2; hats and caps, 3; jewelry, clocks, watches, etc., 8; lumber, 1; music and musical instruments, 1; millinery, 2; queensware, 2; saddles and harness, 1;

sewing machines, 1; printing office, 1; livery stables, 5; blacksmiths, 2; all other mercantile pursuits, not herein mentioned, 10.

*Newspapers.*—The *Ellsworth Reporter*, published weekly, at Ellsworth.

*Schools, etc.*—Organized school districts, 18; school houses, 7; value of school buildings and grounds, furniture and apparatus, \$18,080.

*Churches.*—Presbyterian: Organizations 2, membership 45. Baptist: membership 25. Methodist: Organizations 1, membership 20. Episcopal: Organizations 1, membership 16, church edifices 1, valuation \$1,000. Catholic: Organizations 2, membership 280, edifices 1, valuation \$900.

*Libraries.*—But one township gives returns; this has six private libraries, with 510 volumes.

*Lands.*—Unsold lands in this county are shown on the accompanying map.

*Miscellaneous.*—Garden produce marketed, \$569; poultry and eggs sold, \$741; pounds of wool produced, 1,015.

*Wages.*—Farm laborers, with board, \$15 to \$25 per month; laborers in cities, \$1 to \$1.50 per day; carpenters, \$2 to \$3 per day; bricklayers and stonemasons, \$2 to \$3 per day; house painters, \$2 to \$3 per day; wagon makers, \$2 to \$3 per day; blacksmiths, \$3 per day; shoemakers, \$2 to \$3; printers, per day, \$2; per 1,000 ems, 40 cents; clerks, per month, \$50 to \$75; tanners, \$2 per day.

The price of vacant lands range from \$2 to \$6 per acre.

## FORD COUNTY.

Organized in 1873. Named in honor of Col. James H. Ford, Colonel of the Second Colorado Cavalry, and Brevet Brigadier General U. S. Volunteers. Square miles, 1,080. Population to square mile, .75. Population in 1870, 427; population in 1875, 818: increase in five years 386.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Dodge .....           | 818  | .....                 | ..... | .....                 | ..... |

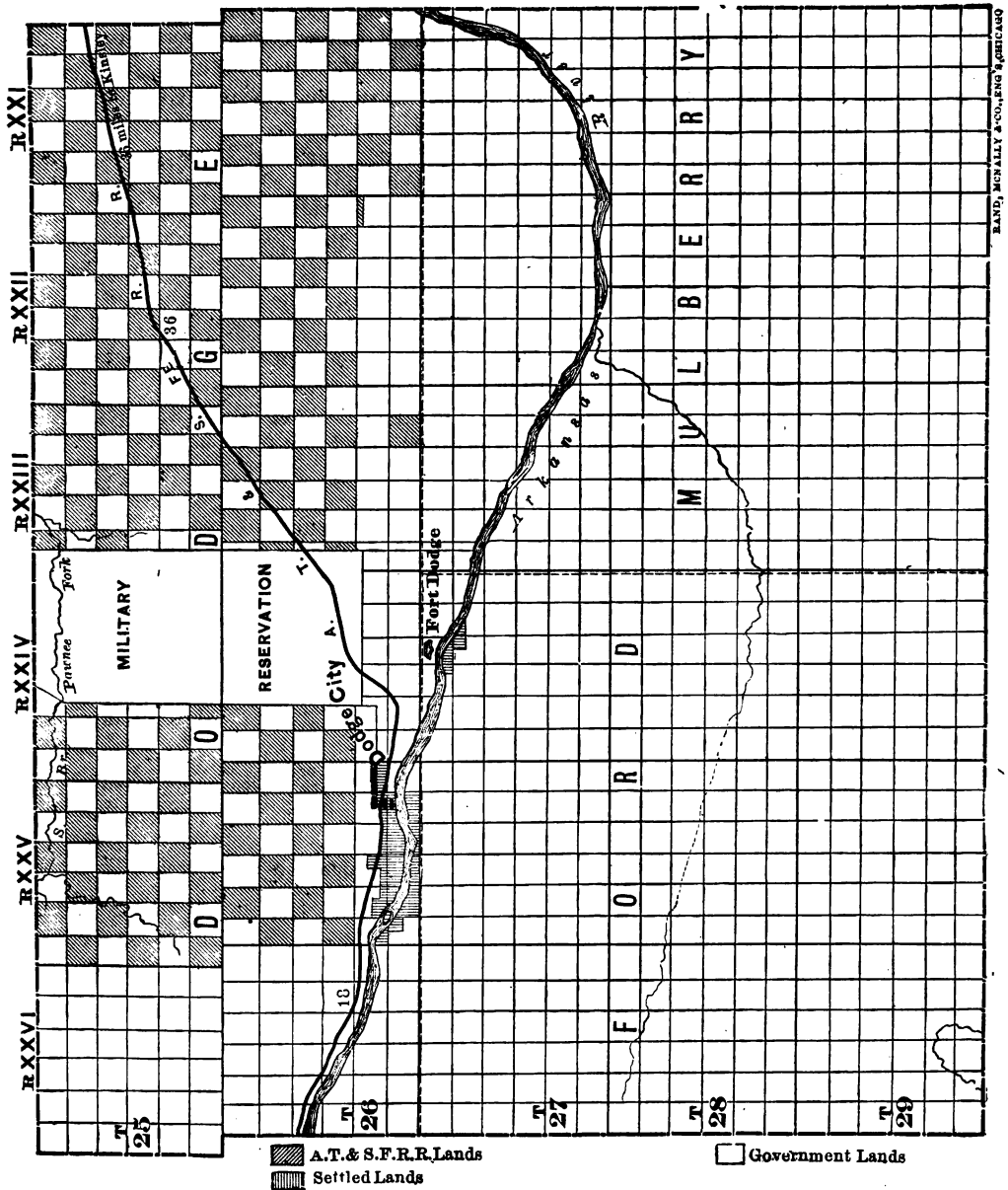
*Nativity.*—Born in the United States, 608; in Germany, 25; in Ireland, 80; in England and Wales, 28; in Scotland, 9; in Sweden, Norway and Denmark, 8; in France, 4; in North of Europe, 1; in South of Europe, 5; in British America, 17; in countries not specified, 28.

*Sex.*—Males, 626; females, 187.

### WHERE FROM TO KANSAS.

|                    |    |                     |     |                            |     |
|--------------------|----|---------------------|-----|----------------------------|-----|
| Alabama.....       | 1  | Michigan.....       | 12  | Texas.....                 | 80  |
| Arkansas.....      | 2  | Minnesota.....      | 2   | Vermont.....               | --- |
| California.....    | 4  | Mississippi.....    | 10  | Virginia.....              | 8   |
| Colorado.....      | 33 | Missouri.....       | 157 | West Virginia.....         | --- |
| Connecticut.....   | 6  | Nebraska.....       | 9   | Wisconsin.....             | 12  |
| Delaware.....      | 1  | Nevada.....         | 2   | Dist. of Columbia and the  |     |
| Georgia.....       | 1  | New Hampshire.....  | 1   | Territories.....           | 16  |
| Illinois.....      | 52 | New Jersey.....     | 2   | Germany.....               | 4   |
| Indiana.....       | 18 | New York.....       | 59  | Ireland.....               | 20  |
| Iowa.....          | 51 | North Carolina..... | --- | England and Wales.....     | 16  |
| Kentucky.....      | 6  | Ohio.....           | 44  | Scotland.....              | 5   |
| Louisiana.....     | 29 | Oregon.....         | --- | France.....                | --- |
| Maine.....         | 4  | Pennsylvania.....   | 18  | Other North of Europe..... | --- |
| Maryland.....      | 3  | Rhode Island.....   | 1   | Other South of Europe..... | --- |
| Massachusetts..... | 18 | Tennessee.....      | 8   | British America.....       | 7   |

MAP OF FORD COUNTY, KANSAS, 1875.



Born in Kansas, 48; not otherwise stated, 48.

*Occupation.*—There are 64, or 15.7 per cent., engaged in Agriculture; 122, or 29.9 per cent., in Professional and Personal service; 157, or 38.5 per cent., in Trade and Transportation; 64, or 15.7 per cent., in Manufactures and Mining.

*County Seat.*—Dodge City, the county seat, is 251 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom lands, 20 per cent.; upland, 80 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of the Arkansas bottom, from 12 to 20 miles; general surface of the country level, a small proportion bluffy.

*Timber.*—Of the very little timber found along the streams, the greater part is cottonwood.

*Principal Streams.*—Arkansas river, Mulberry, Duck, Saw-Log, Crooked and other small creeks, still unnamed. The county is well supplied with springs; well water obtained at from 10 to 30 feet.

*Coal.*—It is reported that indications of coal have been discovered near the surface, but if it exists in any quantity, none has been developed.

*Building Stone, etc.*—A good quality of limestone is found in the neighborhood of Fort Dodge.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad runs through the county, following the valley of the Arkansas river.

*Agricultural Statistics.*—Acres in the county, 691,200; taxable acres, 120,061; under cultivation, 84.12; cultivated to taxable acres, .07 per cent.: decrease of cultivated acres during the year, 10.88.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | .50      | 15.00          | 7        | \$ .98 | \$ 6.86           |
| Corn.....bu.                  | 41.50    | 35.00          | 1,453    | .30    | 435 60            |
| Barley.....bu.                | 2.00     | 20.00          | 40       | 1.20   | 48 00             |
| Oats.....bu.                  | 8.00     | 20.00          | 160      | .35    | 56 00             |
| Potatoes, Irish.....bu.       | 6.00     | 80.00          | 480      | .35    | 168 00            |
| Sweet Potatoes.....bu.        | .12      | 130.00         | 16       | .90    | 14 40             |
| Millet and Hungarian.....tons | 26.00    | 2.00           | 52       | 6.00   | 312 00            |

*Dairy Products.*—Butter manufactured in 1875, 500 lbs.

*Farm Animals.*—Number of horses in 1875, 16. Mules and asses in 1875, 2. Cattle in 1875, 288. Swine in 1875, 6.

*Dogs.*—Number of dogs in the county, 10.

*Horticulture.*—Acres of nurseries, 3; orchards, 5; vineyards, 6.

*Fences.*—Board, 360 rods; cost, \$576. Total rods of fence, 360; total cost, \$576.

*Manufactures.*—Dodge City, one tannery.

*Banks.*—None in the county.

*Newspapers.*—None in the county.

*Schools, etc.*—One school building, value, with furniture, etc., \$1,525.

*Churches.*—Baptist: Membership 85. Catholics: Organizations 2, membership 180.

*Libraries.*—None reported.

*Lands.*—Unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$100.

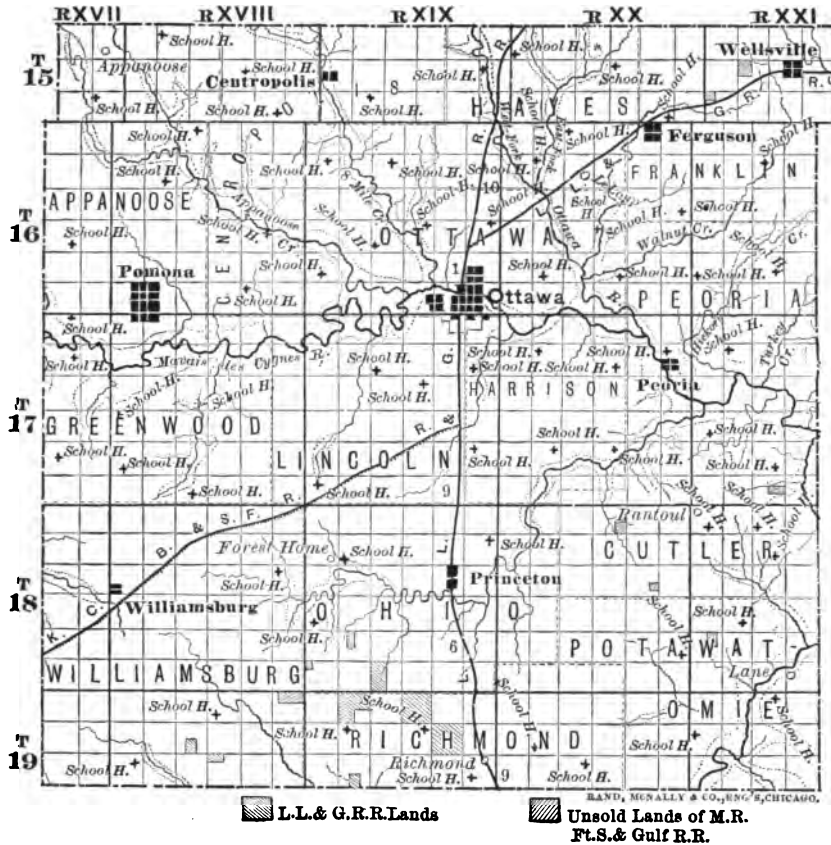
The price of vacant lands ranges from \$3 to \$7 per acre.



## FRANKLIN COUNTY.

Organized in 1855. Named in honor of the illustrious Benjamin Franklin. Square miles, 576. Population to square mile, 17.72. Population in 1860, 3,030; in 1870, 10,385: increase in ten years, 7,355; population in 1875, 10,108: decrease in five years, 277: increase in fifteen years, 7,078.

MAP OF FRANKLIN COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|-------|-----------------------|------|
| Appanoose.....        | 651  | Centropolis .....     | 703   | Cutler.....           | 610  |
| Franklin.....         | 525  | Greenwood .....       | 378   | Harrison .....        | 467  |
| Hayes.....            | 503  | Lincoln .....         | 369   | Ohio .....            | 541  |
| Ottawa.....           | 659  | City of Ottawa .....  | 2,595 | Peoria .....          | 817  |
| Pottawatomie.....     | 493  | Williamsburg .....    | 506   | Richmond.....         | 801  |

*Nativity.*—Born in the United States, 9,402; in Germany, 149; in Ireland, 182; in England and Wales, 141; in Scotland, 24; in Sweden, Norway and Denmark, 105; in France, 38; in North of Europe, 5; in South of Europe, 8; in British America, 95; in countries not specified, 14.

*Sex.*—Males, 5,173; females, 4,935.

#### WHERE FROM TO KANSAS.

|                     |       |                      |       |                             |     |
|---------------------|-------|----------------------|-------|-----------------------------|-----|
| Alabama .....       | 7     | Michigan .....       | 294   | Virginia .....              | 62  |
| Arkansas .....      | 80    | Minnesota .....      | 52    | West Virginia .....         | 12  |
| California .....    | 3     | Mississippi .....    | 1     | Wisconsin .....             | 154 |
| Colorado .....      | 14    | Missouri .....       | 1,025 | Dist. of Columbia and the   |     |
| Connecticut .....   | 14    | Nebraska .....       | 19    | Territories .....           | 40  |
| Georgia .....       | 19    | New Hampshire .....  | 10    | Germany .....               | 41  |
| Illinois .....      | 1,916 | New Jersey .....     | 47    | Ireland .....               | 32  |
| Indiana .....       | 736   | New York .....       | 238   | England and Wales .....     | 32  |
| Iowa .....          | 651   | North Carolina ..... | 18    | Scotland .....              | 1   |
| Kentucky .....      | 95    | Ohio .....           | 1,169 | Sweden, Norway and Den-     |     |
| Louisiana .....     | 2     | Pennsylvania .....   | 361   | mark .....                  | 65  |
| Maine .....         | 60    | Rhode Island .....   | 10    | France .....                | 20  |
| Maryland .....      | 44    | Texas .....          | 41    | Other North of Europe ..... | 6   |
| Massachusetts ..... | 39    | Vermont .....        | 10    | British America .....       | 48  |

Born in Kansas, 2,600; not otherwise stated, 19.

*Occupation.*—There are 1,734, or 67 per cent., engaged in Agriculture; 345, or 13.3 per cent., in Professional and Personal service; 216, or 8.3 per cent., in Trade and Transportation; 291, or 11.2 per cent., in Manufactures and Mining.

*County Seat.*—Ottawa, the county seat, is 37 miles in an air line from Topeka, in a southeasterly direction.

*Face of the Country.*—Bottom lands, 17 per cent.; upland, 83 per cent.; forest, 8 per cent.; prairie, 92 per cent. Average width of Marais des Cygnes bottom, two miles; general surface of the country undulating.

*Timber.*—Average width of timber belts—on the Marais des Cygnes, one mile; other creeks, one-quarter mile. Varieties: hickory, walnut, oak, elm, cottonwood, hackberry, mulberry and willow.

*Principal Streams.*—The Marais des Cygnes runs from west to east through the county; Middle creek, a tributary of the foregoing, runs east; Ottawa creek, southeast; Pottawatomie, northeast; Mud creek, north; Coal creek, north; Appanoose, southeast. The county is well supplied with springs; good well water obtained from 18 to 40 feet.

*Coal.*—Coal underlies 20 per cent. of the area of the county. Average thickness, 2 feet; depth ranges from surface to 20 feet; quality good; used extensively for fuel and for local manufacturing purposes.

*Building Stone, etc.*—There is plenty of good lime and sandstone, well distributed.

*Railway Connections.*—The Leavenworth, Lawrence & Galveston Railroad traverses the centre of the county from north to south, with a line operated by the same company running northeast from Ottawa to Kansas City. Principal station and junction, Ottawa,

*Agricultural Statistics.*—Acres in the county, 368,640; taxable acres, 346,922; under cultivation, 123,620.24; cultivated to taxable acres, 85.65 per cent.; increase of cultivated acres during the year, 58,177.24.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 1,431.25  | 17.00          | 24,331    | \$ .97 | \$ 23,601.07      |
| Rye.....bu.                   | 123.25    | 18.00          | 2,218     | .60    | 1,330.80          |
| Spring Wheat.....bu.          | 11.25     | 10.00          | 112       | .78    | 87.36             |
| Corn.....bu.                  | 52,433.88 | 41.00          | 2,151,339 | .23    | 494,922.97        |
| Barley.....bu.                | 8.00      | 24.00          | 192       | 1.96   | 241.92            |
| Oats.....bu.                  | 4,479.60  | 28.00          | 125,439   | .25    | 31,357.25         |
| Buckwheat.....bu.             | 1,903.40  | 12.00          | 22,840    | .35    | 19,414.00         |
| Potatoes, Irish.....bu.       | 1,573.12  | 85.00          | 133,715   | .25    | 46,900.25         |
| Sweet Potatoes.....bu.        | 19.16     | 150.00         | 2,874     | 1.00   | 2,874.00          |
| Sorghum.....gall.             | 504.78    | 110.00         | 55,526    | .50    | 27,763.00         |
| Castor Beans.....bu.          | 4,261.25  | 15.00          | 63,919    | 1.12   | 71,589.28         |
| Cotton.....lbs.               | 41.24     | 50.00          | 2,062     | .08    | 164.96            |
| Flax.....bu.                  | 4,980.60  | 9.00           | 44,825    | 1.06   | 47,514.50         |
| Hemp.....lbs.                 |           |                |           |        |                   |
| Tobacco.....bu.               | 2.50      | 600.00         | 1,500     | .06    | 190.00            |
| Broom Corn.....lbs.           | 173.50    | 725.00         | 125,787   | .07    | 8,605.09          |
| Millet and Hungarian.....tons | 2,242.20  | 2.75           | 6,166     | 5.00   | 30,830.00         |
| Timothy.....tons              | 1,492.35  | 1.25           | 1,865     | 6.00   | 11,190.00         |
| Clover.....tons               | 252.25    | 2.50           | 646       | 6.00   | 3,876.00          |
| Prairie.....tons              | 28,226.50 | 1.50           | 42,490    | 3.50   | 148,715.00        |

*Dairy Products.*—Cheese manufactured in 1870, 3,000 lbs.; in 1875, 4,901 lbs.: decrease, 1,099 lbs. Butter manufactured in 1870, 185,640 lbs.; in 1875, 206,485 lbs.: increase, 20,845 lbs.

*Farm Animals.*—Number of horses, in 1870, 3,706; in 1875, 4,827: increase, 1,121. Mules and asses, in 1870, 314; in 1875, 468: increase, 154. Cattle, in 1870, 10,926; in 1875, 12,807: increase, 1,881. Sheep, in 1870, 5,182; in 1875, 2,381: decrease, 2,801. Swine, in 1870, 6,636; in 1875, 6,142: decrease, 494.

*Dogs.*—Number of dogs in the county, 1,685; number of sheep killed by dogs, 118; value of sheep killed by dogs, \$274.94. Number of sheep killed by wolves, 146; value of sheep killed by wolves, \$340.18.

*Horticulture.*—Acres of nurseries, 843.28; orchards, 3,350.16; vineyards, 172.44.

*Apiculture.*—Number of stands of bees, 421; pounds of honey, 1,047; wax, 60.

*Fences.*—Stone, 16,963 rods; cost, \$38,166.75. Rail, 356,920 rods; cost, \$472,919. Board, 71,541 rods; cost, \$114,465.60. Wire, 44,500 rods; cost, \$34,487.50. Hedge, 250,605 rods; cost, \$125,302.50. Total rods of fence, 740,529; total cost, \$785,341.35.

*Water Powers.*—The Marais des Cygnes furnishes good powers, but none have been utilized.

*Manufactures.*—Appanoose township, steam flouring mill, steam saw mill, cabinet factory; combined capital, \$18,200. Cutler township, two steam saw mills, capital, \$1,400; one cheese factory. Williamsburg township, steam silk manufactory,\* steam grist mill. Peoria township, steam saw mill. City of Ottawa, cigar manufactory, one soap factory, one oil mill, two steam grist mills, one steam furniture factory, one foundry, one steam saw mill, one steam wagon factory. Stanton, cheese factory. Centropolis township, steam saw mill. Lane, steam saw mill.

*Banks.*—First National Bank of Ottawa, capital \$50,000; People's National Bank of Ottawa, capital \$60,000; Ottawa Bank and Savings Institution.

*Newspapers.*—The *Republican* and *Triumph*, both published weekly at Ottawa.

*Schools, etc.*—Organized school districts, 88; school houses, 81; value of school buildings and grounds, furniture and apparatus, \$84,250; Ottawa University, controlled by the Baptist denomination, located at Ottawa.

*Churches.*—Presbyterian: Organizations 3, membership 70, church edifices 1, valuation \$5,700. Congregational: Organizations 3, membership 95, church edifices 2, valuation \$7,500. Baptist: Organizations 6, membership 350, church edifices 3, valuation \$5,500. United Presbyterian: Organizations 3, membership 150, church edifices 2, valuation \$3,000. Methodist: Organizations 16, membership 986, church edifices 6, valuation \$15,800. Episcopal: Membership 10. Catholic: Organizations 4, membership 310, church edifices 1, valuation \$500. Lutheran: Organizations 2, membership 39.

*Libraries.*—In the county there are four public libraries, with 1,097 volumes, and 241 private, containing 16,671 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$2,519; poultry and eggs sold, \$7,345.90; pounds of wool produced, 11,169.

The prices of vacant land range from \$2.50 to \$10.00 per acre.

### HISTORY OF SILK INDUSTRY IN KANSAS.

In 1869 was made the first attempt to introduce silk industry in Kansas. M. E. V. de Boissiere, a French gentleman of wealth and philanthropic views, in that year commenced weaving silk-velvet ribbons at Silkville, in Franklin county. In the following letter to the Secretary of the Silk Association of America, he describes his beginning:

"I commenced weaving silk-velvet ribbons in 1869, but with very inadequate accommodations. In the following year I erected a factory 85 by 28 feet, one story high, with walls of stone, and having sixteen windows, which gave me ample room; in fact, only one-half has been used for silk weaving. The other half I design for a *moulinage* (a machine for dressing silk), already manufactured in France and now ready to ship. I have at this time three looms, of which two are constantly employed. Ribbons of various widths are produced according to the demands of the trade. One of my looms is capable of turning out 112 yards of half inch wide ribbon per day; a second, 72 yards one inch wide; the third, 40 yards two inches wide."

Broad goods were woven in 1870-1, but not finding profitable market, their manufacture was abandoned. Since then the ribbon looms only have been employed.

In 1870, preliminary steps were taken to grow silk. A seed bed of the white mulberry was planted, and replanted into an orchard the following year. That year the first silkworms were produced from California eggs. These did so well that they gave good encouragement for the future. In 1873, eggs were imported from Japan. These too, did finely, and in 1874, the cocoons of the second generation showed marked improvement over their progenitors.

Meantime the mulberry plantation had been enlarged to about 25 acres, and thrived vigorously, outstripping even the peach in rapid growth, and furnishing an abundance of rich succulent food for the worms.

In 1875, about 2,000 pounds of cocoons were produced; this, the third generation, showing as marked improvement over the second, as did the second over the first, bred from Japanese eggs. About 1,600 pounds are of as fine quality as can be produced anywhere.

This year—1876—there are mulberry trees sufficient to provide the forage required to produce 10,000 pounds of cocoons. From eggs we get worms; these make the cocoons; from cocoons silk is reeled. To reach this point has taken time, patience, much labor and money, and all will be useless unless the next step in silk industry—that of reeling—can be successfully established. This consists of reeling the fibre of from four to ten cocoons into a single thread, and the product is "raw silk." From it is produced all the various manufactures of silk.

About 12 pounds, nearly a bushel, of cocoons are required to make one of raw silk.

The difficulty is that the necessary machinery is somewhat expensive, and requires skilled labor of a kind which we have not.

Besides, the product will have to enter market against established lines of trade, and in direct competition with raw silk produced by the cheap labor of China and Japan. Notwithstanding the acknowledged superiority of American grown silk

by those who are familiar with it, its production will necessarily cost more, and will take time to make its merits known to the trade and create a demand for it in the market.

Yet, regardless of its certain costliness, M. de Boissiere will attempt reeling; in fact, has already purchased the necessary machinery, and intends bringing it with him on his return from France in May. Nor do his intentions stop with making his own cocoons useful; his desire is to provide a market for all that may be produced in this section, and thus permanently establish the missing link in the chain of American silk industry.

Many people in Kansas—whose climate possesses in a marked degree the conditions necessary to successful silk culture, as the results here amply testify—inspired by M. de Boissiere's example, have planted mulberry trees, and are preparing to grow cocoons. In California, the Eastern, Middle and other States, many more have every requisite for their production—have produced them, and ceased only for lack of suitable market.

Silk culture is one of the most profitable industries of the far East and portions of Europe. Its growth does not exhaust the soil, and it is a product that will bear transportation, as it contains much value in small space. Of the importance of this industry, I quote from the report of Prof. Riley, State Entomologist of Missouri, 1872. Speaking of this place he says: "I shall await with much interest future developments in this colony. That it will succeed as a colony I have very little doubt, but whether it will do so as a silk settlement time only will tell. If it becomes a success in this last sense, it will form a nucleus of a new and important industry in the Mississippi Valley. \* \* \* \* The State of Kansas, if it looks well to its own interests, will not let the undertaking fail for want of encouragement; for when an individual embarks in some new enterprise, the success of which is of much importance to the State, he deserves encouragement from the legislature if it is necessary."

France has zealously fostered her silk industries, scouring the world and spending annually large sums for the procurement of the healthiest eggs of the best breeds of silk worms. In this country, to encourage the culture, numerous States have offered bounties on mulberry trees planted, and cocoons produced. Connecticut and California supplemented these with an additional bounty on raw silk.

Governor Osborn, impressed with the public worth of such an addition to the sources of wealth as may be derived from silk production, called the attention of the legislature to this industry in his last annual message, and commended it to their fostering care. Early in the session a bill was introduced in the House, providing for the payment of a bounty of fifty cents per pound on raw silk produced within the State. It passed the House, but was not reached in the Senate in time for a fair discussion of its merits.

SILKVILLE, Franklin Co., Kansas,  
March 23, 1876.

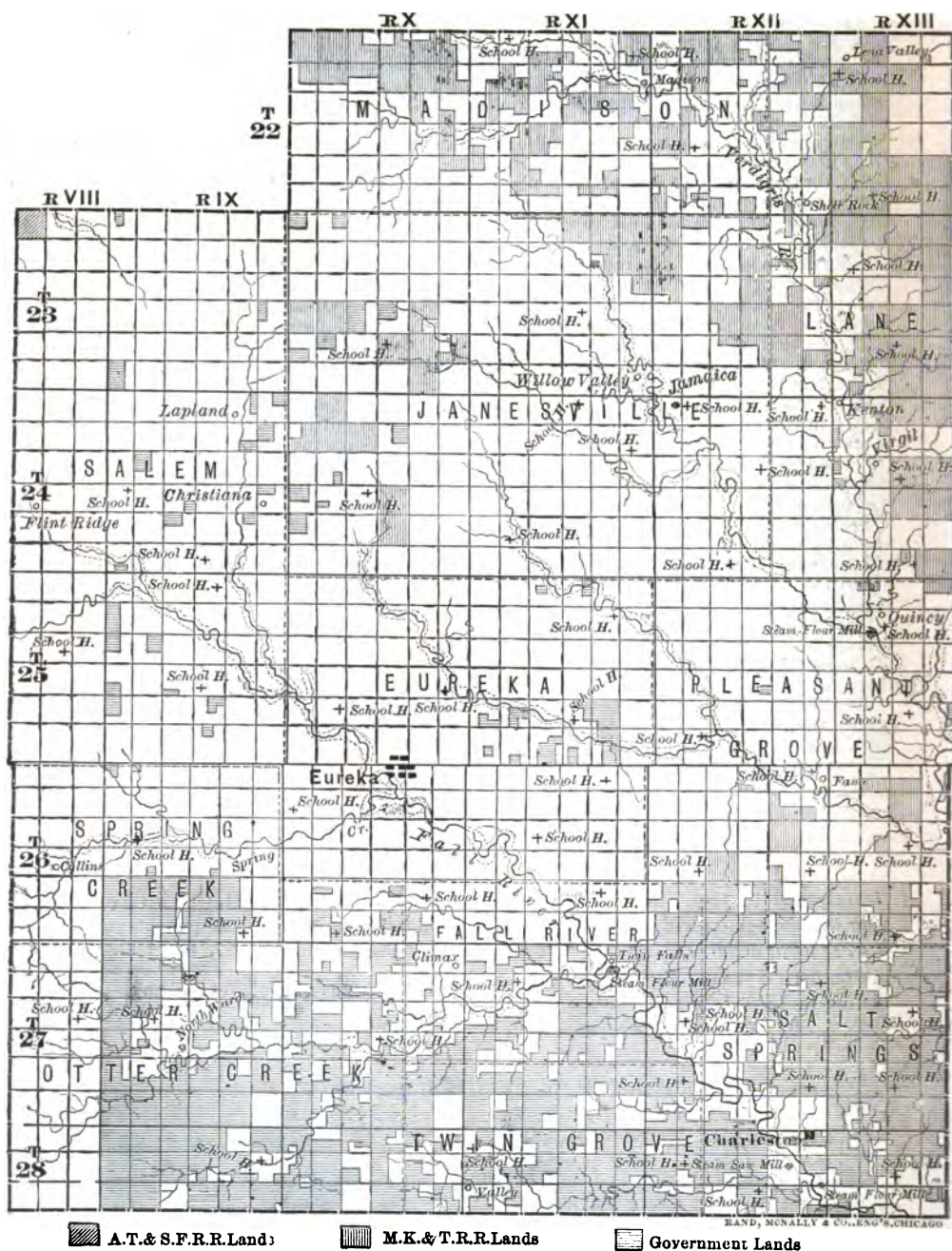
## GREENWOOD COUNTY.

Organized in 1862. Named, it is supposed, in honor of Alfred B. Greenwood, who was connected with the department of Indian Affairs, and, on the part of the Government, negotiated treaties with the Sac and Fox and other tribes of Indians in Southern Kansas. Square miles, 1,155; population to square mile, 5.61. Population in 1860, 1,077; in 1870, 3,484; increase in ten years, 2,407; population in 1875, 6,488; increase in five years, 2,999; increase in fifteen years, 5,406.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|----------------------|-------|-----------------------|------|-----------------------|-------|
| Eureka .....         | 1,154 | Fall River .....      | 726  | Janesville .....      | 404   |
| Lane .....           | 518   | Madison .....         | 407  | Otter Creek .....     | 588   |
| Pleasant Grove ..... | 756   | Salem .....           | 827  | Salt Springs .....    | 995   |
| Spring Creek .....   | 230   | Twin Grove .....      | 383  | .....                 | ..... |

MAP OF GREENWOOD COUNTY, KANSAS, 1876.



*Nativity.*—Born in the United States, 5,977; in Germany, 59; in Ireland, 58; in England and Wales, 116; in Scotland, 15; in Sweden, Norway and Denmark, 125; in France, 5; in North of Europe, 1; in South of Europe, 13; in British America, 114.

*Sex.*—Males, 3,416; females, 3,022.

## WHERE FROM TO KANSAS.

|                     |       |                      |     |                             |     |
|---------------------|-------|----------------------|-----|-----------------------------|-----|
| Arkansas .....      | 65    | Mississippi .....    | 4   | Virginia .....              | 78  |
| California .....    | 4     | Missouri .....       | 753 | West Virginia .....         | 1   |
| Colorado .....      | 10    | Nebraska .....       | 46  | Wisconsin .....             | 171 |
| Connecticut .....   | 2     | Nevada .....         | 2   | Dist. of Columbia and the   |     |
| Delaware .....      |       | New Hampshire .....  | 5   | Territories .....           | 8   |
| Georgia .....       | 23    | New Jersey .....     | 4   | Germany .....               | 1   |
| Illinois .....      | 1,438 | New York .....       | 84  | Ireland .....               | 6   |
| Indiana .....       | 714   | North Carolina ..... | 15  | England and Wales .....     | 41  |
| Iowa .....          | 662   | Ohio .....           | 355 | Scotland .....              | 3   |
| Kentucky .....      | 93    | Oregon .....         | 7   | Sweden, Norway and Den-     |     |
| Louisiana .....     | 2     | Pennsylvania .....   | 57  | mark .....                  | 46  |
| Maine .....         | 4     | Rhode Island .....   |     | France .....                |     |
| Maryland .....      | 24    | South Carolina ..... |     | Other North of Europe ..... |     |
| Massachusetts ..... | 16    | Tennessee .....      | 58  | Other South of Europe ..... | 1   |
| Michigan .....      | 78    | Texas .....          | 23  | British America .....       | 100 |
| Minnesota .....     | 15    | Vermont .....        | 21  | .....                       |     |

Born in Kansas, 1,422; not otherwise stated, 6.

*Occupation.*—There are 1,816, or 80.1 per cent., engaged in Agriculture; 110, or 6.6 per cent., in Professional and Personal Service; 55, or 3.3 per cent., in Trade and Transportation; 161, or 9.7 per cent., in Manufactures and Mining.

*County Seat.*—Eureka, the county seat, is 91 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 5 per cent.; prairie, 95 per cent. Average width of bottoms, one mile; general surface of the country undulating, with bluffs usually skirting one side of the streams.

*Timber.*—Average width of timber belts, 50 rods. Varieties: oak, walnut, hackberry, hickory, elm, cottonwood, sycamore, mulberry and ash.

*Principal Streams.*—Verdigris and Fall rivers; Willow, Slate, Homer and Bachelor creeks flow into the Verdigris. Otter, Spring, Salt and Honey creeks flow into Fall river; general course of the streams, southeasterly. The county is well supplied with springs; well water obtained at a depth of from 12 to 35 feet.

*Coal.*—Thin veins have been discovered in some portions of the county at a depth of from four to eight feet below the surface. Quality medium; used for blacksmithing, fuel for steam mills, and to a limited extent for domestic purposes.

*Building Stone, etc.*—Sand and limestone is abundant in all parts of the county. There is a salt spring, from which a good quality of salt was made years since. Pottery clay has been found in the southern part of the county, but has not been thoroughly tested as yet.

*Railroad Connections.*—No railroads in the county.

*Agricultural Statistics.*—Acres in the county, 739,200; taxable acres, 527,552; under cultivation, 57,855.34; cultivated to taxable acres, 10.96 per cent.; increase of cultivated acres during the year, 14,139.34.



## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS                      | ACREAGE.       | AVERAGE YIELD. | PRODUCT   | PRICE. | VALUE OF PRODUCT. |
|----------------------------|----------------|----------------|-----------|--------|-------------------|
| Winter Wheat .....         | bu. 6,182.50   | 21.00          | 129,832   | \$ .87 | \$112,953.84      |
| Rye .....                  | bu. 483.50     | 24.00          | 11,604    | .55    | 6,382.20          |
| Spring Wheat .....         | bu. 58.00      | 14.00          | 812       | .60    | 487.20            |
| Corn .....                 | bu. 24,839.50  | 44.00          | 1,092,988 | .80    | 218,587.60        |
| Barley .....               | bu. 5.00       | 28.00          | 140       | 1.18   | 165.20            |
| Oats .....                 | bu. 3,965.25   | 40.00          | 158,610   | .80    | 31,722.00         |
| Buckwheat .....            | bu. 44.25      | 24.00          | 1,062     | .75    | 796.50            |
| Potatoes, Irish .....      | bu. 563.03     | 125.00         | 70,379    | .80    | 14,075.80         |
| Sweet Potatoes .....       | bu. 28.95      | 170.00         | 4,921     | 1.00   | 4,921.00          |
| Sorghum .....              | gall. 432.22   | 125.00         | 60,290    | .45    | 27,130.50         |
| Castor Beans .....         | bu. 125.50     | 18.00          | 2,259     | 1.00   | 2,259.00          |
| Cotton .....               | lbs. 8.36      | 175.00         | 1,463     | .07    | 162.41            |
| Flax .....                 | bu. 125.30     | 10.00          | 1,253     | 1.00   | 1,253.00          |
| Hemp .....                 | lbs. ....      | ...            | ...       | ...    | ...               |
| Tobacco .....              | lbs. 15.00     | 750.00         | 9,750     | .06    | 585.00            |
| Broom Corn .....           | lbs. 33.87     | 600.00         | 27,096    | .06    | 1,625.76          |
| Millet and Hungarian ..... | tons 1,154.00  | 325.00         | 3,750     | 6.00   | 22,500            |
| Timothy .....              | tons 39.50     | 1.50           | 44        | 6.00   | 264.00            |
| Clover .....               | tons 40.00     | 2.50           | 100       | 6.00   | 600.00            |
| Prairie .....              | tons 10,958.00 | 2.00           | 21,916    | 3.00   | 65,748.00         |

## EXTRAORDINARY YIELDS:—

Statement of J. T. Bullock, of Valley:

*Corn:* Plowed the land about six inches deep and planted the second week in May. The variety was a large yellow corn. I plowed the crop three times, and kept the ground free from weeds. The soil is a black loam—prairie bottom land. I harvested in the latter part of September, and obtained 170 bushels to the acre, by weight.

*Potatoes.* I have peach blow potatoes which yield 480 bushels per acre. I manured the ground the fall of 1874, and planted the potatoes the first of May. I plowed them four times with a cultivator, and hoed them once. I planted them in drills 3½ feet apart. Harvested them the latter part of October.

Statement of John J. Greenhalgh, of Kenton:

*Corn:* I planted the large St. Charles white corn. The average yield is 117 bushels and 64 pounds per acre. The soil is good bottom timber land, and has been cultivated for five years, in corn every year. I plowed ten inches deep, and planted the corn 3 feet 8 inches apart each way, four kernels in each hill, and covered deep with a hoe. Plowed the corn three times each way, finishing on the 19th of June, at which time the ground was free from weeds. I planted on the 14th and 15th of May. The ground was measured, and the corn husked, weighed and measured on the 27th day of September 1875.

The cost of producing five acres is as follows:

|                                                  |         |
|--------------------------------------------------|---------|
| Plowing land, three days, @ \$2.00 per day ..... | \$6 00  |
| Marking and planting .....                       | 5 50    |
| Hoing, twelve days, @ 75 cts. per day .....      | 9 00    |
| Plowing, three days, @ \$1.25 per day .....      | 3 75    |
| Total cost .....                                 | \$24.25 |

*Dairy Products.*—Cheese manufactured in 1870, 190 lbs.; in 1875, 2,200 lbs.: increase, 2,010 lbs. Butter manufactured in 1870, 55,285 lbs.; in 1875, 165,032 lbs.: increase, 109,747 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,638; in 1875, 3,721: increase, 2,083. Mules and asses, in 1870, 64, in 1875, 297: increase, 233. Cattle, in 1870, 7,750; in 1875, 23,621: increase, 15,871. Sheep, in 1870, 3,575; in 1875, 1,682: decrease, 1,893. Swine, in 1870, 1,890; in 1875, 4,441: increase, 2,551.

*Dogs.*—Number of dogs in the county, 1,409; number of sheep killed by dogs, 58; value of sheep killed by dogs, \$135.14. Number of sheep killed by wolves, 87; value of sheep killed by wolves, \$86.21.



*Horticulture.*—Acres of nurseries, 16.25; orchards, 1,681.12; vineyards, 28.48.

*Apiaculture.*—Number of stands of bees, 54; pounds of honey, 153; wax, 15.

*Fences.*—Stone, 13,641 rods; cost, \$28,987.12. Rail, 194,458 rods; cost, \$262,511.55. Board, 32,641 rods; cost, \$55,489.70. Wire, 24,000 rods; cost, \$19,200. Hedge, 106,580 rods; cost \$58,619. Total rods of fence, 371,815; total cost, \$427,807.37.

*Herd Law.*—No herd law.

*Water Powers.*—There are good powers on Fall river, and on Willow and Otter creeks; several of these streams have been utilized. Two mills have been erected on Fall river, one on Willow and one on Otter creeks.

*Manufactures.*—Lane township, steam saw mills, capital, \$1,600. There are several portable saw mills in the county. Eureka, steam flour mill, and steam flour and saw mill. Janeville, one saw mill. Madison, saw mill. Twin Falls, water-power flour mill. Kenton, two steam saw mills, Quincy, steam saw mill, water-power saw mill.

*Banks.*—The Eureka Bank, and Martindale, Tucker & Co., of Eureka.

*Newspapers.*—The *Herald* and *Censorial*, both published weekly, at Eureka.

*Schools, etc.*—Organized school districts, 74; school houses, 67; value of school building and grounds, furniture and apparatus, \$78,620,

*Churches.*—Presbyterian: Organizations 2, membership 60, church edifices 1, valuation \$4,000. Congregational: Organizations 3, membership 111, church edifices 1, valuation \$1,300. Baptist: Organizations 3, membership 200. Methodist: Organizations 15, membership 235, church edifices 1, valuation \$1,400. Episcopal: Organizations 1, membership 20, church edifices 1, valuation \$1,000. Catholic: Organizations 3, membership 700, church edifices 1, valuation \$700.

*Libraries.*—One public and 111 private libraries are found in seven townships; the number of volumes being 6,320.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$1,393; poultry and eggs sold \$1,699; pounds of wool produced, 5,529.

*Wages.*—Farm laborers, per month, with board, \$15 to \$20; laborers in cities or on public improvements, per day, \$1.50 to \$2; carpenters, per day, \$2.50 to \$3.50; bricklayers and stonemasons, \$3 to \$4; house painters, \$2.50 to \$3; wagon makers, \$2.50 to \$3.50; blacksmiths, \$2 to \$3; shoemakers, \$2 to \$3; harness makers, \$2.50 to \$3; tailors, \$2 to \$3; printers, \$2 to \$3; clerks, per month, \$40 to \$100; tanners \$2 to \$3.

The price of vacant lands ranges from \$1.25 to \$7 per acre.

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## HARVEY COUNTY.

Organized in 1872. Named in honor of James M. Harvey, Captain of Company G, Tenth Regiment Kansas Volunteers, Infantry, and who was Governor of Kansas from 1869 to 1873, and was elected in 1874 a United States Senator for an unexpired term, terminating in 1877. Square miles, 540; population to square mile, 9.36. Population in 1875, 5,406.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Alta.....             | 303  | Darlington.....       | 244  | Emma.....             | 239  |
| Garden.....           | 262  | Halstead.....         | 418  | Lake.....             | 191  |
| Lakin.....            | 228  | Macon.....            | 266  | Newton City.....      | 769  |
| Newton.....           | 293  | Pleasant.....         | 408  | Richland.....         | 203  |
| Sedgwick.....         | 467  | Valley.....           | 280  | Walton.....           | 475  |

MAP OF HARVEY COUNTY, KANSAS, 1875.



*Nativity.*—Born in the United States, 4,198; in Germany, 124; in Ireland, 68; in England and Wales, 115; in Scotland, 42; in Sweden, Norway and Denmark, 27; in France, 7; in North of Europe, 378; in South of Europe, 4; in British America, 82; in countries not specified, 1.

*Sex.*—Males, 2,774; females, 2,272.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                                            |     |
|--------------------|-------|---------------------|-----|--------------------------------------------|-----|
| Alabama.....       | 13    | Michigan.....       | 169 | Vermont.....                               | 20  |
| Arkansas.....      | 1     | Minnesota.....      | 9   | Virginia.....                              | 16  |
| California.....    | 6     | Mississippi.....    | 31  | West Virginia.....                         | 21  |
| Colorado.....      | 10    | Missouri.....       | 383 | Wisconsin.....                             | 207 |
| Connecticut.....   | 2     | Nebraska.....       | 28  | Dist. of Columbia and the Territories..... | 23  |
| Delaware.....      | 17    | Nevada.....         | 10  | Germany.....                               | 10  |
| Georgia.....       | ..... | New Hampshire.....  | 4   | Ireland.....                               | 4   |
| Illinois.....      | 1,113 | New Jersey.....     | 8   | England and Wales.....                     | 26  |
| Indiana.....       | 303   | New York.....       | 116 | Sweden, Norway and Denmark.....            | 11  |
| Iowa.....          | 627   | North Carolina..... | 11  | France.....                                | 1   |
| Kentucky.....      | 150   | Ohio.....           | 439 | Other North of Europe.....                 | 25  |
| Louisiana.....     | 2     | Pennsylvania.....   | 148 | *Other South of Europe.....                | 361 |
| Maine.....         | 9     | Rhode Island.....   | 4   | British America.....                       | 34  |
| Maryland.....      | 3     | Tennessee.....      | 31  |                                            |     |
| Massachusetts..... | 10    | Texas.....          | 14  |                                            |     |

\* See statement concerning the Mennonites at the close of the county summary.

Born in Kansas, 602.

*Occupation.*—There are 1,066, or 73.2 per cent., engaged in Agriculture; 121, or 8.3 per cent., in Professional and Personal service; 124, or 8.5 per cent., in Trade and Transportation; 145, or 9.9 per cent., in Manufactures and Mining.

*County Seat.*—Newton, the county seat, is 113 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom lands, 40 per cent.; upland, 60 per cent.; forest, 1 per cent.; prairie, 94 per cent. The bottoms are generally narrow, and the surface of the country is level. There is very little timber, confined to the streams. Varieties: walnut, hackberry and cottonwood.

*Principal Streams.*—Little Arkansas river, its tributary (Jester creek), and White-water. There are a few fine springs in the county, and good well water is obtained at a depth of 25 feet

*Coal.*—None has been developed in the county.

*Building Stone, etc.*—There is some, but not a very abundant quantity, of good building stone; the strata are thin. There is plenty of gypsum.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad enters the county near its northeastern corner, and runs through its entire extent in a general southwestern direction. Stations, Walton, Newton, Halstead and Burton. A branch of the same road runs from Newton, in a southerly course to Wichita, in Sedgwick county. Station in Harvey county, Sedgwick.

*Agricultural Statistics.*—Acres in the county, 845,600; taxable acres, 219,173; under cultivation, 73,820.62; cultivated to taxable acres, 33.68 per cent.: increase of cultivated acres during the year, 51,474.62.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     |       | ACREAGE.  | AVERAGE<br>YIELD. | PRODUCT. | PRICE.  | VALUE OF<br>PRODUCT. |
|----------------------------|-------|-----------|-------------------|----------|---------|----------------------|
| Winter Wheat .....         | bu.   | 10,045.00 | 22.00             | 220,990  | \$1.02½ | \$226,514.75         |
| Rye .....                  | bu.   | 1,267.00  | 25.00             | 31,675   | .63     | 19,638.50            |
| Spring Wheat .....         | bu.   | 552.00    | 15.00             | 8,280    | .63½    | 5,175.00             |
| Corn .....                 | bu.   | 15,886.00 | 46.00             | 730,756  | .25     | 182,689.00           |
| Barley .....               | bu.   | 252.50    | 28.00             | 7,070    | 1.25    | 8,837.50             |
| Oats .....                 | bu.   | 7,269.00  | 42.00             | 305,298  | .24     | 73,271.52            |
| Buckwheat .....            | bu.   | 24.00     | 25.00             | 600      | .95     | 570.00               |
| Potatoes, Irish .....      | bu.   | 488.00    | 130.00            | 63,440   | .40     | 25,376.00            |
| Sweet Potatoes .....       | bu.   | 28.87     | 200.00            | 5,774    | .90     | 5,196.60             |
| Sorghum .....              | gall. | 181.25    | 100.00            | 18,125   | .57     | 7,481.25             |
| Castor Beans .....         | bu.   | 8.25      | 18.00             | 148      | 1.15    | 170.20               |
| Cotton .....               | lbs.  | 5.50      | 175.00            | 962      | 1.10    | 96.20                |
| Flax .....                 | bu.   | 300.00    | 10.00             | 3,000    | 1.10    | 3,300.00             |
| Hemp .....                 | lbs.  |           |                   |          |         |                      |
| Tobacco .....              | lbs.  | 50        | 700.00            | 350      | .08     | 28.00                |
| Broom Corn .....           | lbs.  | 134.75    | 860.00            | 115,885  | .08     | 9,270.80             |
| Millet and Hungarian ..... | tons  | 158.00    | 2.75              | 434      | 4.25    | 1,844.50             |
| Timothy .....              | tons  | 78.50     | 1.50              | 118      | 5.00    | 590.00               |
| Clover .....               | tons  | 18.00     | 3.00              | 54       | 5.00    | 270.00               |
| Prairie .....              | tons  | 10,004.00 | 2.00              | 20,008   | 3.00    | 60,024.00            |

#### LARGE YIELD:—

Statement of C. Kirlin, of Newton:

*Winter Wheat:* In the latter part of September I sowed broadcast and harrowed in the variety known as "Red Genesee." I also sowed in corn stubble, and plowed in with a cultivator, some of the same variety, in all about fifty acres. I harvested in the latter part of June, and obtained thirty bushels per acre. This wheat weighed

sixty-four pounds to the bushel. The soil is a black sandy loam, second bottom prairie, and has been in cultivation two years, the first crop being sod corn.

The cost of producing is as follows:

|                                        |            |
|----------------------------------------|------------|
| Seed, per acre.....                    | \$1.25     |
| Planting, per acre.....                | 1.50       |
| Harvesting and stacking, per acre..... | 2.00       |
| Threshing.....                         | 3.00       |
|                                        | <hr/> 7.75 |

*Dairy Products.*—Cheese manufactured in 1875, 41 lbs. Butter manufactured in 1875, 68,490 lbs.

*Farm Animals.*—Number of horses in 1875, 1,618. Mules and asses, in 1875, 277. Cattle, in 1875, 3,862. Sheep, in 1875, 777. Swine, in 1875, 2,222.

*Dogs.*—Number of dogs in the county, 615; number of sheep killed by dogs, 3; value of sheep killed by dogs, \$6.99. Number of sheep killed by wolves, 1; value of sheep killed by wolves, \$2.33.

*Horticulture.*—Acres of nurseries, 26.25; orchards, 855.50; vineyards, 18.

*Fences.*—Rail, 20 rods; cost, \$25.50. Board, 1,751 rods; cost, \$2,801.60. Wire, 200 rods; cost, \$145. Hedge, 136,620 rods; cost, \$71,725.50. Total rods of fence, 188,591; total cost, \$74,697.60.

*Herd Law.*—The herd law has been in force since March, 1873. The effect has been very beneficial, and the people could not well do without it.

*Water Powers.*—The Little Arkansas furnishes water powers, but as they have been but little utilized, their extent cannot be stated.

*Manufactures.*—Halstead township, water-power flouring mill, capital \$5,000. Sedgwick township, steam flouring mill, capital \$500. Newton, wagon and carriage factory. Alto township, water-power flour mill.

*Banks.*—Harvey County Savings Bank, Newton, and Citizen's Savings Bank, Sedgwick City, the capital of the two being \$10,000.

*Business Houses of Principal Town.*—City of Newton: Agricultural implements and wagons, 3; books, periodicals and stationery, 1; boots and shoes, 1; clothing and tailoring, 2; confectionery, 2; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 2; hardware, 1; jewelry, clocks, watches, etc., 1; lumber, 2; millinery, 2; general country stores, 7; saddles and harness, 1.

*Newspapers.*—The *Newton Kansan* and *Harvey County News*, weekly, published at Newton.

*Schools, etc.*—Organized school districts, 67; school houses, 39; value of school buildings and grounds, furniture and apparatus, \$43,397.

*Churches.*—Presbyterian: Organizations 3, membership 38, church edifices 1, valuation \$3,600. Congregational: Organizations 2, membership 54, church edifices 1, valuation \$2,000. Baptist: Organizations 2, membership 108. Methodist: Organizations 9, membership 216, church edifices 1, valuation \$3,000. Episcopal: Membership 7. Catholic: Organizations 2, membership 400.

*Libraries.*—There are three public and 110 private libraries reported from seven townships; these libraries contain 5,022 volumes.

*Lands.*—The unsold lands of this county are shown on the accompanying map.

*Miscellaneous.*—Garden produce marketed, \$1,642.50; poultry and eggs sold, \$2,043; pounds of wool produced, 778.

*Wages.*—Farm laborers, per month, with board, \$12 to \$16; laborers, in cities or on public improvements, per day, \$1.50 to \$2; carpenters, \$2.50 to \$3; bricklayers and stone masons, \$2.50 to \$3; house painters, \$2 to \$2.50; wagon makers, \$2 to \$2.50; blacksmiths, \$2 to \$2.50; shoemakers, \$2 to \$2.50; harness makers,

\$2 to \$2.50; tailors, \$2 to \$2.50; printers, \$2 to \$2.50; clerks, per month, \$60 to \$80; tanners, per day, \$2 to \$2.50.

The prices of vacant land range from \$2.50 to \$6.50 per acre.

#### \* THE MENNONITES.

The Mennonite immigration to Kansas during the past few months has been an event highly favorable to the development of the State. This immigration has been very considerable in numbers, amounting in all to nearly 4,500 during the years 1874 and 1875.

These people are of a most industrious class, and of exemplary morals and unusual practical intelligence. They have taken up their abodes in the frontier counties of the State, and have purchased or made homestead settlements upon the uncultivated lands of the State, and are rapidly bringing them into cultivation and production.

#### HISTORY.

Menno Simonis, from whom the sect takes its name, was a contemporary of Martin Luther. One year after the great reformer had openly proclaimed his fundamental articles of Protestantism in Germany, Menno gathered about him, in Holland, and disciplined into a distinct confessional society all the elements created by the great reform movement of that age, whose peculiar features were, non-combative-ness, and baptism after spiritual maturity. The Mennonites had to suffer great persecutions in those warlike times, at the hands of the governments and the established churches; they were compelled to wander from one country to another, until the great Frederick of Prussia—in whose dominions every one was permitted to go to heaven after his own fashion—extended his hospitalities to them. Their first settlement in Russia dates back to 1790, during the reign of Emperor Paul, and it continued during the reign of Katherine II.

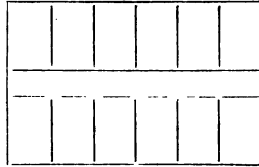
#### PURCHASE OF LANDS.

In contemplation of emigration to America, the several communities and societies of Mennonites of Southern Russia sent delegations to this country, to make observations, and report upon the lands, climate, productions, etc. A favorable report having been made, and emigration to the United States having been determined upon, other delegations—one from each colony formed, each delegation composed of two members—were sent forward in advance to select locations and to make purchases of lands. These delegations were the accredited agents of the colonies which they respectively represented, to contract for land for the individual members, according to the wants and the ability of each to purchase. The land was purchased in the name of these agents, as trustees for the respective members. Lands other than railroad lands were deeded directly to the grantee. The railroad lands were re-deeded to the members at a small advance. The profits arising therefrom were used in paying for a few sections which are deeded to the poor, security being taken for an assessed payment to the colony for the investment. A portion of the profits arising from this addition to the purchase price was used in payment for the land covered by their town sites.

#### DIVISIONS OF TOWNS INTO LOTS.

The towns are divided into as many lots as there are members of the colony hav-

ing their farms outside. Each town embraces a section of land, and is divided thus.



The lots are one-half mile deep, and have a uniform front according to the number of heads of families representing each colony. The four centre lots, two on either side of the central street, are reserved for common use for school, church, store, etc. To meet the mercantile wants of the community, ground is rented for a store, a contract being taken from the lessee that no intoxicating liquors or tobacco shall be sold. Subsequently a portion of this reserved ground may be used for a public hall, for all the social needs of the colony.

#### LAWS AND REGULATIONS.

The laws and regulations of these Mennonites are voted upon by the heads of households, at their meetings on Sunday, immediately after religious services. Every kind of public business is considered at this time. There are two kinds of work done under the public direction and supervision, public and private. For example: A row of trees, or hedge, is ordered around each lot; this is done at the expense of the individual owning the lot. A row of trees is ordered along the street; each individual is compelled to bear his share of the cost of this. The storekeeper is voted upon. A *majority* vote decides, not plurality. The contract runs for a given time, when a new election takes place, so that he can be displaced if he has failed to give satisfaction. School houses, churches, and all other public improvements are built by the common labor of the colony. At the meetings the names of persons are designated who are to perform certain work during the coming week. From Sunday to Sunday is this done, until each head of the family has performed his share, and so on, again and again, from one year to another.

Outside of the town, a road is left around each section and trees are planted by the common work. Each owner is bound to hedge his own land at his own individual expense. They agreed to plow, the first year, forty acres to each quarter section, and to set out ten acres of timber to each quarter section. The setting out of all trees, as well as hedges, is under the supervision of a practical forester, who has the subsequent supervision and care of them. This forester receives no pay for his services. He is not required to perform the manual labor which belongs to the members, but has the direction and supervision.

The general business of the colony is transacted by three persons, selected annually for that purpose, who hold their offices for one year, and perform their duties without compensation. It is the business of these agents to present the business to be acted upon, from week to week, at the meetings, and to give suggestions and advice; and when any work is ordered they see that it is done. These agents are guardians for that year for all orphans, and act also as purchasing agents whenever goods in large quantities are required; such as lumber, machinery, farm implements, etc. These officers are elected at a general annual meeting or convention of all the colonies of the State. At this annual meeting three agents are elected at large to supervise the local agencies. The general agents are the supreme umpires, to whom all questions can be appealed from the

local agents, who are constituted the local umpires. All questions in dispute among themselves are settled in this manner without resorts to suits at law. If they are forced into the courts by outsiders, of course they defend themselves, or bring suits when there is no other means of relief.

#### RELIGIOUS AND SOCIAL AFFAIRS.

The officers of the church consist of one bishop for all the colonies of Kansas. Each colony has a clergyman. The bishop is elected for five years, the clergyman for one year; the latter is always one of the local committee. Neither bishop or clergyman receives pay for his services; and it may be here stated, that no officer receives any pay for his services. One of the main tenets is baptism, immersion. Children are not baptised until they arrive at the age of reason—fourteen years—when they are confirmed. They are examined at this time concerning their knowledge of the Bible and the tenets of the church, concerning their religious beliefs, and if they pass an examination, they are confirmed and baptized. It is against the religious beliefs to take an oath in court, they affirm, and they are conscientiously opposed to bearing arms. They commune in *remembrance* of, but do not believe in, the presence or transelementation of Christ.

#### SCHOOLS, EDUCATION, INDUSTRIES.

Each child from five to fourteen years of age has to attend school, not less than six months each year, in their settlements in Kansas. They have for the most part their own schools at present. At Gnadenau, Marion county, they effected a compromise with the school officers, by which two teachers were employed; one English, by the district; another, Mennonite, by the Mennonites; each receiving their proportion of the school funds. Teachers have to possess the requisite qualifications. They are examined by the local board, or by a committee appointed by them. The branches taught are those usually taught in a common school. The money for teachers and other necessary disbursements is by subscription. The subscription is directed by the local committee as to the amount each one is to pay. After the age of fourteen, those possessing the desire to do so, and the means, can pursue their studies at pleasure. In addition to the common branches of education, the children are taught in the schools such of the mechanical arts as they will be required to engage in in after life. This explains the reason why these Mennonites are able to make their own farming implements, wagons, clothing, shoes, etc. These schools are, in fact, industrial schools; every pupil learns a trade. Here is to be observed a striking contrast between the education of the Mennonite youth, compared with the course of education in American common schools. The Mennonite leaves school qualified for a useful employment. This is in beautiful contrast with the American youth who flock to our cities, learning the rudiments of crime instead of industrial pursuits.

#### THE POOR.

When the Mennonites emigrated to Kansas and purchases were made, the poor had a certain amount of land set off to them, which they were to pay for as heretofore stated. If they are too poor to have teams, their land is broken by the colony, or by persons designated by the local committee, to be paid back in labor from time to time as they are able. Of course, under this wise arrangement, they do not remain poor very long.

#### CRIME.

In the event of crime being committed, the laws of the State govern, and they do not assume to punish or take jurisdiction beyond these laws.

## BLOODED STOCK.

In Russia, the Mennonites had a custom of purchasing male animals, such as stallions, bulls, rams, etc., in common—that is, the village or colony would purchase, each individual contributing according to the amount of stock owned by him; such animal to be used in common. In consequence of this practice in Russia the Mennonite horses are superior, and sold for a high price to army officers in the cavalry service.

## LOCATION, ETC.

There is one group of three colonies; they are entirely separate, but their lands join. They are located in the counties of Marion, McPherson and Harvey. There is another colony located in Reno county, with Halstead as the centre. There are also several colonies in the counties of Burton and Pawnee.

The Mennonites are well pleased with the country. Their lands were mostly purchased of the Atchison, Topeka & Santa Fe Railroad Company. In Pawnee county they are entering government land, and for that purpose, and to enable them to acquire title, they have taken out naturalization papers. This was a serious question at first, as they did not care to place themselves in a position where they were liable to bear arms, but the *land* question settled this.

The foregoing facts were chiefly furnished by Edward Dolgorouki, of Marion Centre, Marion county, Kansas.

## JACKSON COUNTY

Organized in 1857. Named in honor of Andrew Jackson, seventh President of the United States. The county was established in 1855, and named Calhoun, in honor of John C. Calhoun, of South Carolina. The name was changed in 1859. Square miles, 658. Population to square mile, 10.15. Population in 1860, 1,936; in 1870, 6,053: increase in ten years, 4,117; population in 1875, 6,681: increase in five years, 628: increase in fifteen years, 4,745.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

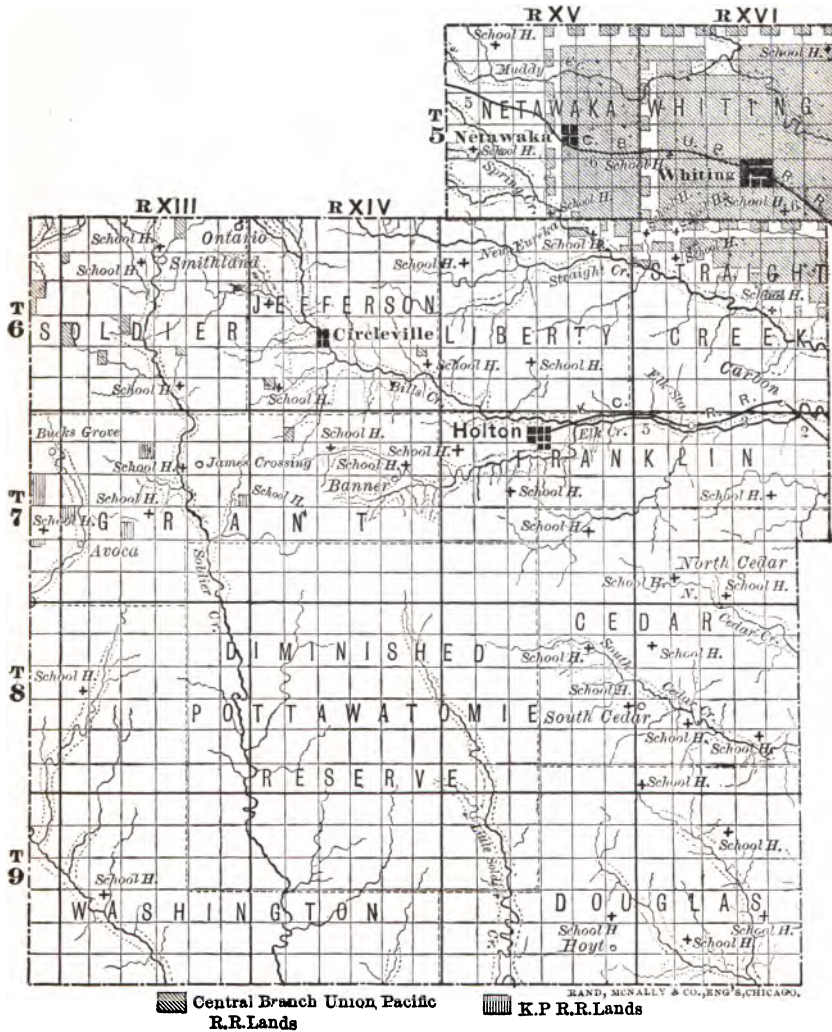
| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Cedar .....           | 795  | Douglas .....         | 589  | City of Holton .....  | 650  |
| Franklin .....        | 931  | Grant .....           | 734  | Jefferson .....       | 583  |
| Liberty .....         | 515  | Netawaka .....        | 434  | Soldier .....         | 339  |
| Straight Creek .....  | 359  | Washington .....      | 330  | Whiting .....         | 422  |

*Nativity.*—Born in the United States, 5,997; in Germany, 178; in Ireland, 171; in England and Wales, 125; in Scotland, 24; in Sweden, Norway, and Denmark, 29; in France, 2; in north of Europe, 10; in south of Europe, 40; in British America, 104; in countries not specified, 1.

*Sex.*—Males, 3,496; females, 3,185.



MAP OF JACKSON COUNTY, KANSAS, 1875.



## WHERE FROM TO KANSAS.

|                     |     |                      |     |                             |     |
|---------------------|-----|----------------------|-----|-----------------------------|-----|
| Arkansas .....      | 3   | Minnesota .....      | 19  | West Virginia .....         | 35  |
| California .....    | 12  | Mississippi .....    | 36  | Wisconsin .....             | 258 |
| Colorado .....      | 4   | Missouri .....       | 940 | Dist. of Columbia and the   |     |
| Connecticut .....   | 4   | Nebraska .....       | 20  | Territories .....           | 8   |
| Delaware .....      | 9   | New Hampshire .....  | 4   | Germany .....               | 48  |
| Florida .....       | 1   | New Jersey .....     | 6   | Ireland .....               | 18  |
| Georgia .....       | 7   | New York .....       | 78  | England and Wales .....     | 39  |
| Illinois .....      | 783 | North Carolina ..... | 1   | Scotland .....              | 5   |
| Indiana .....       | 497 | Ohio .....           | 494 | Sweden, Norway and Den-     |     |
| Iowa .....          | 614 | Oregon .....         | 1   | mark .....                  | 9   |
| Kentucky .....      | 119 | Pennsylvania .....   | 137 | France .....                | 2   |
| Louisiana .....     | 10  | Rhode Island .....   | 2   | Other North of Europe ..... | 1   |
| Maine .....         | 3   | Tennessee .....      | 23  | Other South of Europe ..... | 9   |
| Maryland .....      | 16  | Texas .....          | 2   | British America .....       | 72  |
| Massachusetts ..... | 40  | Vermont .....        | 6   |                             |     |
| Michigan .....      | 139 | Virginia .....       | 24  |                             |     |

Born in Kansas, 2,084; not otherwise stated, 44.

*Occupation.*—There are 1,305, or 79.4 per cent., engaged in Agriculture; 154, or 9.8 per cent., in Professional and Personal Service; 70, or 4.2 per cent., in Trade and Transportation; 114, or 6.9 per cent., in Manufactures and Mining,

*County Seat.*—Holton, the county seat, is 29 miles in an air line from Topeka, in a northerly direction.

*Face of the Country.*—Bottom land, 13 per cent.; upland, 87 per cent.; forest, 5 per cent.; prairie, 95 per cent.; average width of bottoms, 1 mile; general surface of the country, undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: white oak, walnut, hickory, black oak, cottonwood, elm, hackberry, and sycamore.

*Principal Streams.*—Muddy, Walnut, Little and Big Straight creeks run southeast; Elk and Bill's creeks, east; North and South Cedars, southeast to the Grasshopper river; East and West Muddy, south to Kansas river; Little Soldier, Big Soldier, Cross creek, and Little Cross creek, south to the Kansas river. The county is well supplied with springs; good well water reached from 10 to 60 feet.

*Coal.*—Thin veins of coal crop out in various places along the streams, but none of consequence has been developed. Wood is cheap and is the chief fuel used.

*Building Stone, etc.*—Good building stone found on almost every section. A salt vein was struck in digging a well in Jefferson township, but its extent and value have not been tested; said to be plenty of mineral paint and pottery clay, as well as a bed of gypsum. As none of these have been utilized, the reports are rather vague.

*Railroad Connections.*—The Kansas Central (narrow gauge) Railroad enters the county on the eastern border, and extends in a northwesterly direction to Holton, furnishing a direct connection with Leavenworth, and with the Atchison, Topeka & Santa Fe Railroad at Grasshopper Falls.

*Agricultural Statistics.*—Acres in the county, 421,120; taxable acres, 329,962; under cultivation, 90,738.76; cultivated to taxable acres, 27.50 per cent.: increase of cultivated acres during the year, 2,985.76.

#### ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 5,684.25  | 17.00          | 96,832    | \$ .98 | \$ 94,895.36      |
| Rye.....bu.                   | 1,349.85  | 16.00          | 21,598    | .60    | 12,958.80         |
| Spring Wheat.....bu.          | 371.00    | 10.00          | 3,710     | .78    | 2,893.80          |
| Corn.....bu.                  | 39,837.04 | 41.00          | 1,632,909 | .25    | 408,227.25        |
| Barley.....bu.                | 218.00    | 24.00          | 5,232     | 1.23   | 6,435.36          |
| Oats.....bu.                  | 5,747.00  | 28.00          | 160,916   | .25    | 40,229.00         |
| Buckwheat.....bu.             | 798.54    | 20.00          | 15,971    | .90    | 14,373.90         |
| Potatoes, Irish.....bu.       | 950.69    | 80.00          | 76,055    | .35    | 26,619.25         |
| Sweet Potatoes.....bu.        | 6.74      | 120.00         | 809       | 1.10   | 889.90            |
| Sorghum.....gall.             | 251.03    | 105.00         | 26,858    | .50    | 18,429.00         |
| Castor Beans.....bu.          | 13.50     | 15.00          | 202       | 1.10   | 222.20            |
| Cotton.....lbs.               |           |                |           |        |                   |
| Flax.....bu.                  | 813.00    | 10.00          | 8,130     | 1.05   | 8,536.50          |
| Hemp.....lbs.                 |           |                |           |        |                   |
| Tobacco.....lbs.              | 5.12      | 600.00         | 3,072     | .06    | 245.76            |
| Broom Corn.....lbs.           | 62.75     | 725.00         | 45,494    | .07    | 3,184.58          |
| Millet and Hungarian.....tons | 4,115.50  | 237.00         | 9,754     | 4.00   | 39,016.00         |
| Timothy.....tons              | 544.75    | 100.00         | 545       | 6.75   | 3,678.75          |
| Clover.....tons               | 104.00    | 2.50           | 260       | 5.75   | 1,495.00          |
| Prairie.....tons              | 23,431.00 | 1.25           | 29,289.00 | 3.50   | 102,511.50        |



R. R. DEPOT.

COURT HOUSE.

PUBLIC SCHOOL.

GENERAL VIEW OF HOLTON—LOOKING NORTH-WEST.

**LARGE YIELD.**—Statement of Geo. W. Drake, of Holton:

*Winter Wheat.*—In August, from 15th to 30th, drilled in red May, fall wheat, in a field of one hundred acres. The soil is the common upland prairie of Kansas. This was the first crop. Harvested from June 23d to July 3d. The wheat measured 2,164 bushels from the thresher, or over 21½ bushels per acre. The total cost of producing the crop, including seed, was \$650.

*Dairy Products.*—Cheese manufactured in 1870, 1,718 lbs.; in 1875, 2,584 lbs.; increase, 866 lbs. Butter manufactured in 1870, 145,698 lbs.; in 1875, 222,895 lbs.; increase, 77,197.

*Farm Animals.*—Number of horses, in 1870, 3,484; in 1875, 4,564: increase 1,080. Mules and asses, in 1870, 223; in 1875, 472: increase, 249. Cattle, in 1870, 9,175; in 1875, 15,667: increase, 6,492. Sheep, in 1870, 2,857; in 1875, 1,716: decrease, 1,141. Swine, in 1870, 4,622; in 1875, 4,535: decrease, 87.

*Dogs.*—Number of dogs in the county, 1,250; number of sheep killed by dogs, 120; value of sheep killed by dogs, \$279.60. Number of sheep killed by wolves, 73; value of sheep killed by wolves, \$170.09

*Horticulture.*—Acres of nurseries, 46.50; orchards, 2,124.75; vineyards, 17.74.

*Apiaculture.*—Number of stands of bees, 156; pounds of honey, 677; wax, 48.

*Fences.*—Stone, 3,524 rods; cost, \$8,369.50. Rail, 249,910 rods; cost, \$324,883. Board, 66,527 rods; cost, 88,148.27. Wire, 31,900 rods; cost, \$25,520. Hedge, 104,089 rods; cost, 46,840.05. Total rods of fence, 455,950; total cost, \$493,760.82.

*Water Powers.*—Several mills are being erected, and a number of good powers are not utilized.

*Manufactures.*—Franklin township, steam flouring mill, two water-power flouring mills, combined capital \$11,800. Straight creek township, water-power grist mill, capital \$2,500. Cedar township, steam saw mill, capital \$500. Jefferson township, steam saw mill, capital \$1,000. Soldier township, steam saw and flouring mill, capital \$1,000.

*Banks.*—Farmers' Bank, at Holton; Holton Exchange Bank of Holton.

*Business Houses of Principal Town.*—City of Holton: Agricultural implements and wagons, 3; books periodicals and stationery, 2; boots and shoes, 7; clothing and tailoring, 5; confectionery, 1; dry goods, 4; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 7; hardware, 5; hats and caps, 4; jewelry, watches, clocks, etc., 1; lumber, 2; millinery, 2; queensware, 4; saddles and harness, 2; sewing machines, 2; butchers, 2; stoves and tinware, 2; photograph, 2.

*Newspapers.*—The Recorder, published weekly, at Holton.

*Schools, etc.*—Organized school districts, 63; school houses, 48; value of school buildings and grounds, furniture and apparatus, \$52,837.

*Churches.*—Presbyterian: Organizations 3, membership 95, church edifices 2, valuation, \$5,800. Baptist: Organizations 4, membership 201, church edifices 1, valuation \$2,500. Methodist: Organizations 3, membership 404, church edifices 1, valuation \$5,800. Episcopal: Organizations 1, membership 9, church edifices 1, valuation \$1,000. Catholic: Organizations 2, membership 240, church edifices, 1, valuation \$800.

*Libraries.*—No report.

*Lands.*—Unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$1,447; poultry and eggs sold, \$12,392.20; pounds of wool produced, 3,888.

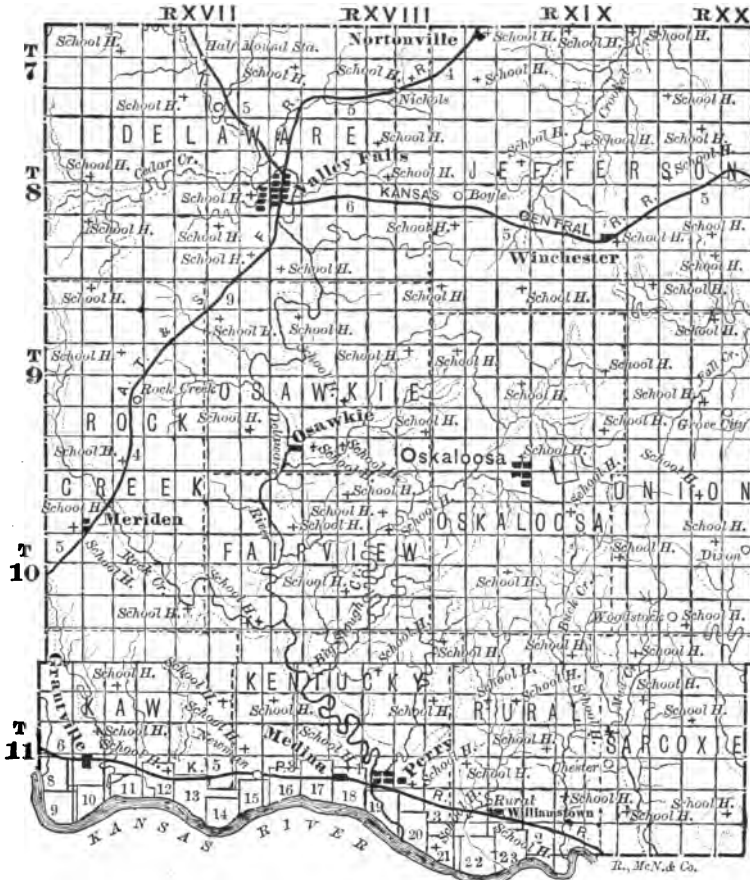
The prices of vacant lands range from \$4 to \$10 per acre.



## JEFFERSON COUNTY.

Organized in 1855. Named in honor of Thomas Jefferson, the third President of the United States. Square miles, 665. Population to square mile, 17.61. Population in 1860, 4,459; in 1870, 12,526: increase in ten years, 8,067; population in 1875, 11,716: decrease in five years, 810: increase in fifteen years, 7,257.

MAP OF JEFFERSON COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Fairview .....        | 568   | Delaware .....        | 2,021 | Jefferson .....       | 1,941 |
| Kaw .....             | 660   | Kentucky .....        | 1,406 | Oskawkie .....        | 858   |
| Oskaloosa .....       | 1,556 | Rock Creek .....      | 504   | Rural .....           | 824   |
| Sarcosie .....        | 681   | Union .....           | 697   |                       |       |

*Nativity.*—Born in the United States, 10,974; in Germany, 235; in Ireland, 206; in England and Wales, 126; in Scotland, 33; in Sweden, Norway and Denmark,

12; in France, 12; in North of Europe, 3; in South of Europe, 41; in British America, 72; in countries not specified, 2.

*Sex.*—Males, 6,124; females, 5,592.

WHERE FROM TO KANSAS.

|                     |       |                      |       |                             |     |
|---------------------|-------|----------------------|-------|-----------------------------|-----|
| Arkansas .....      | 63    | Mississippi .....    | 1     | Virginia .....              | 122 |
| California .....    | 15    | Missouri .....       | 2,221 | West Virginia .....         | 13  |
| Colorado .....      | 10    | Nebraska .....       | 85    | Wisconsin .....             | 132 |
| Connecticut .....   | 14    | Nevada .....         | 1     | Dist. of Columbia and the   |     |
| Georgia .....       | 2     | New Hampshire .....  | 7     | Territories .....           | 13  |
| Illinois .....      | 1,025 | New Jersey .....     | 12    | Germany .....               | 71  |
| Indiana .....       | 751   | New York .....       | 157   | Ireland .....               | 17  |
| Iowa .....          | 1,022 | North Carolina ..... | 43    | England and Wales .....     | 50  |
| Kentucky .....      | 252   | Ohio .....           | 673   | Scotland .....              | 2   |
| Louisiana .....     | 2     | Oregon .....         | 4     | Sweden, Norway and Den-     |     |
| Maine .....         | 1     | Pennsylvania .....   | 366   | mark .....                  | 7   |
| Maryland .....      | 28    | Rhode Island .....   | 5     | France .....                | 3   |
| Massachusetts ..... | 88    | Tennessee .....      | 76    | Other North of Europe ..... | 1   |
| Michigan .....      | 137   | Texas .....          | 40    | Other South of Europe ..... | 9   |
| Minnesota .....     | 39    | Vermont .....        | 12    | British America .....       | 48  |

Born in Kansas, 4,088; not otherwise stated, 18.

*Occupation.*—There are 2,327, or 80.2 per cent., engaged in Agriculture; 230, or 7.9 per cent., in Professional and Personal service; 115, or 3.9 per cent., in Trade and Transportation; 227, or 7.8 per cent., in Manufactures and Mining.

*County Seat.*—Oskaloosa, the county seat, is 23 miles in an air line from Topeka, in a northeasterly direction.

*Face of the Country.*—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 5 per cent.; prairie, 95 per cent. Average width of bottoms from half a mile to one mile; general surface of the country, undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: oak, hickory, walnut, hackberry, elm, maple, cottonwood, etc.

*Principal Streams.*—The Delaware river flows through the county, west of the centre, from north to south, and empties into the Kansas river at Perry; Rock creek, in the western part of the county, flows south into the Kansas river. There are also numerous smaller streams. Springs are not very abundant; good well water obtained at from 20 to 40 feet.

*Coal.*—Three veins of coal have been discovered in several localities, at a depth of from 5 to 20 feet. Quality, medium; used to a limited extent for local domestic purposes. Nearly 2,000 tons have been mined during the past year, and sells at \$4 per ton. It is found in townships 8 and 9, of ranges 17, 18 and 19 east.

*Building Stone, etc.*—Good building stone is found in all parts of the county.

*Railroad Connections.*—The Kansas Pacific Railway traverses the extreme southern portion of the county, along the valley of the Kansas. Principal stations, Perry and Medina. The Atchison, Topeka & Santa Fe Railroad runs through the western and northwestern part of the county. Principal station, Delaware Falls. The Kansas Central (narrow gauge) Railroad, starting from Leavenworth, runs through the northern part of the county, leaving it at the northwest corner. Stations, Winchester and Valley Falls.

*Agricultural Statistics.*—Acres in the county, 425,600; taxable acres, 351,758; under cultivation, 139,924.19; cultivated to taxable acres, 39.77 per cent.: increase of cultivated acres during the year, 20,734.19.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.       | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|----------------------------|----------------|----------------|-----------|--------|-------------------|
| Winter Wheat .....         | bu. 6,211.70   | 18.00          | 111,811   | \$ .98 | \$109,374.78      |
| Rye .....                  | bu. 464.60     | 16.00          | 7,437     | .60    | 4,462.20          |
| Spring Wheat .....         | bu. 80.75      | 10.00          | 807       | .77    | 621.39            |
| Corn .....                 | bu. 73,837.40  | 42.00          | 3,101,171 | .25    | 775,292.75        |
| Barley .....               | bu. 207.73     | 24.00          | 4,986     | 1.23   | 6,132.78          |
| Oats .....                 | bu. 7,742.00   | 35.00          | 270,970   | .37    | 73,161.90         |
| Buckwheat .....            | bu. 1,653.25   | 21.00          | 35,348    | .90    | 31,813.20         |
| Potatoes, Irish .....      | bu. 1,724.35   | 90.00          | 155,191   | .35    | 54,816.85         |
| Sweet Potatoes .....       | bu. 50.36      | 140.00         | 7,050     | 1.12½  | 7,931.25          |
| Sorghum .....              | gall. 424.24   | 110.00         | 47,766    | .55    | 26,271.30         |
| Castor Beans .....         | bu. 107.50     | 16.00          | 1,720     | 1.10   | 1,892.00          |
| Cotton .....               | bs. 1.36       | 75.00          | 102       | .08    | 8.16              |
| Flax .....                 | bu. 101.38     | 10.00          | 1,014     | 1.05   | 1,064.70          |
| Hemp .....                 | bs. 8.50       | 700.00         | 5,975     | .65    | 3,883.75          |
| Tobacco .....              | bs. 9.87       | 650.00         | 6,415     | .08    | 513.20            |
| Broom Corn .....           | bs. 61.00      | 750.00         | 45,750    | .07    | 3,202.50          |
| Millet and Hungarian ..... | tons 6,348.50  | 2.50           | 15,871    | 4.50   | 71,419.50         |
| Timothy .....              | tons 867.50    | 1.00           | 867       | 6.00   | 5,202.00          |
| Clover .....               | tons 275.00    | 3.00           | 825       | 6.00   | 4,950.00          |
| Prairie .....              | tons 23,472.50 | 1.50           | 35,209    | 3.25   | 114,429.25        |

## LARGE YIELDS.—Statement of J. N. Insley, of Oskaloosa:

*Millet:* On the 20th of April I sowed ten acres of millet, on ground which I had plowed the previous fall. Threshed one stack of this millet, the product of four acres, which yielded 183 bushels of excellent seed. This ground was upland prairie, and had produced six consecutive crops previously. No fertilizer had ever been applied.

*Squashes:* I had a few vines of the "Mammoth White Squash" near my barn. By a free use of air-slaked lime I succeeded in saving six hills from the grasshoppers. They were considerably injured, but commenced to grow after the grasshoppers left. I applied manure liberally, and left them to the rain for cultivation. I now have in my cellar over 4,000 pounds of squashes from those six hills. They will weigh from 50 to 150 pounds each.

*Beets:* I planted mangel wurzels on the 10th day of June, and harvested them on the 5th of November. They averaged over 800 bushels per acre.

*Corn:* My corn, planted on the 16th of June, matured very well, and will average 50 bushels per acre. This is all upland, and has been in cultivation six years. I plowed the ground deep, and went through the corn four times with a cultivator. The best corn on my place was planted on the 19th of June. This is the yellow, ten-rowed variety. It grows faster and ripens earlier than any corn I have ever raised.

*Dairy Products.*—Cheese manufactured in 1870, 6,750 lbs.; in 1875, 2,487 lbs.: decrease, 4,263 lbs. Butter manufactured in 1870, 261,161 lbs.; in 1875, 245,065 lbs.: increase, 16,096 lbs.

*Farm Animals.*—Number of horses, in 1870, 6,313; in 1875, 6,068: decrease, 245; Mules and asses, in 1870, 654; in 1875, 883: increase, 229. Cattle, in 1870, 19,848; in 1875, 19,345: decrease, 503. Sheep, in 1870, 4,072; in 1875, 1,550: decrease, 2,522. Swine, in 1870, 10,011; in 1875, 9,217: decrease, 794.

*Dogs.*—Number of dogs in the county, 1,765; number of sheep killed by dogs, 347; value of sheep killed by dogs, \$808.51. Number of sheep killed by wolves, 113; value of sheep killed by wolves, \$263.29.

*Horticulture.*—Acres of nurseries, 66; orchards, 3,008.24; vineyards, 79.52.

*Apiaculture.*—Number of stands of bees, 555; pounds of honey, 2,935; wax, 205.

*Fences.*—Stone, 36,318 rods; cost, \$81,715.50. Rail, 351,787 rods; cost, \$430,939.07. Board, 171,192 rods; cost, \$235,388. Wire, 55,900 rods; cost, \$41,720. Hedge, 146,476 rods; cost, \$73,238. Total rods of fence, 761,673; total cost, \$866,000.57.

*Herd Law.*—No herd law in this county, and a correspondent says the effect "would be bad."

*Water Powers.*—There are good powers on the Delaware, several of which have been improved.

*Manufactures.*—Union township, two steam saw mills, capital \$2,000. City of Valley Falls, three water power grist mills and a woolen factory, combined capital \$46,000. Osawkie township, water power grist mill, capital \$6,000. Kentucky township, water-power grist and saw mill, capital \$2,000. Rural township, one steam saw mill, one steam grist mill. Medina, one cheese factory. Boyle's station, one cheese factory. Winchester, one steam saw mill. Delaware township, one cheese factory, one woolen mill, two flouring mills, one wagon and carriage factory; value, \$40,000.

*Banks.*—Banking house of Hicks, Gephart & Co., and Valley Bank and Savings Institution, both of Valley Falls; banking house of Henry Taylor and F. M. Johnson & Co., Oskaloosa. The aggregate capital being \$92,245.

*Newspapers.*—The *New Era*, at Valley Falls; the *Independent* and *Sickle and Sheaf*, Oskaloosa; all published weekly.

*Schools, etc.*—Organized school districts, 89; school houses, 89; value of school buildings and grounds, furniture and apparatus, \$128,529; parochial school, under the charge of the Catholic church, at Valley Falls, and one at Newman.

*Churches.*—Presbyterian: Organizations 5, membership 175, church edifices 2, valuation \$5,900. Congregational: Organizations 1, membership 53, church edifices 1, valuation \$4,500. Baptist: Organizations 5, membership 206, church edifices 1, valuation \$2,000. United Presbyterian: Organizations 3, membership 60, church edifices 1, valuation \$1,000. Methodist: Organizations 19, membership 693, church edifices 3, valuation \$9,600. Episcopal: Organizations 1, membership 7, church edifices 1, valuation \$3,500. Catholic: Organizations 3, membership 600, church edifices 3, valuation \$2,500. Lutheran: Organizations 1, membership 40, church edifices 1, valuation \$3,000.

*Libraries.*—In the five townships reported there is one public library, with 300 volumes, and 45 private, with 5,950 volumes.

*Lands.*—There are no unsold lands in this county,

*Miscellaneous.*—Garden produce marketed, \$2,535; poultry and eggs sold, \$9,370.75; pounds of wool produced, 4,587.

*Wages.*—Farm laborers, per month, with board, \$10 to \$16; carpenters, per day, \$2 to \$3; house painters, \$2 to \$3; wagon makers, \$2 to \$3; blacksmiths, \$2 to \$3; shoemakers, \$2 to \$3; harness makers, \$2 to \$3; printers, per 1,000 ems, 35 cents; clerks, per month, \$20 to \$50; tanners, \$2 to \$3.

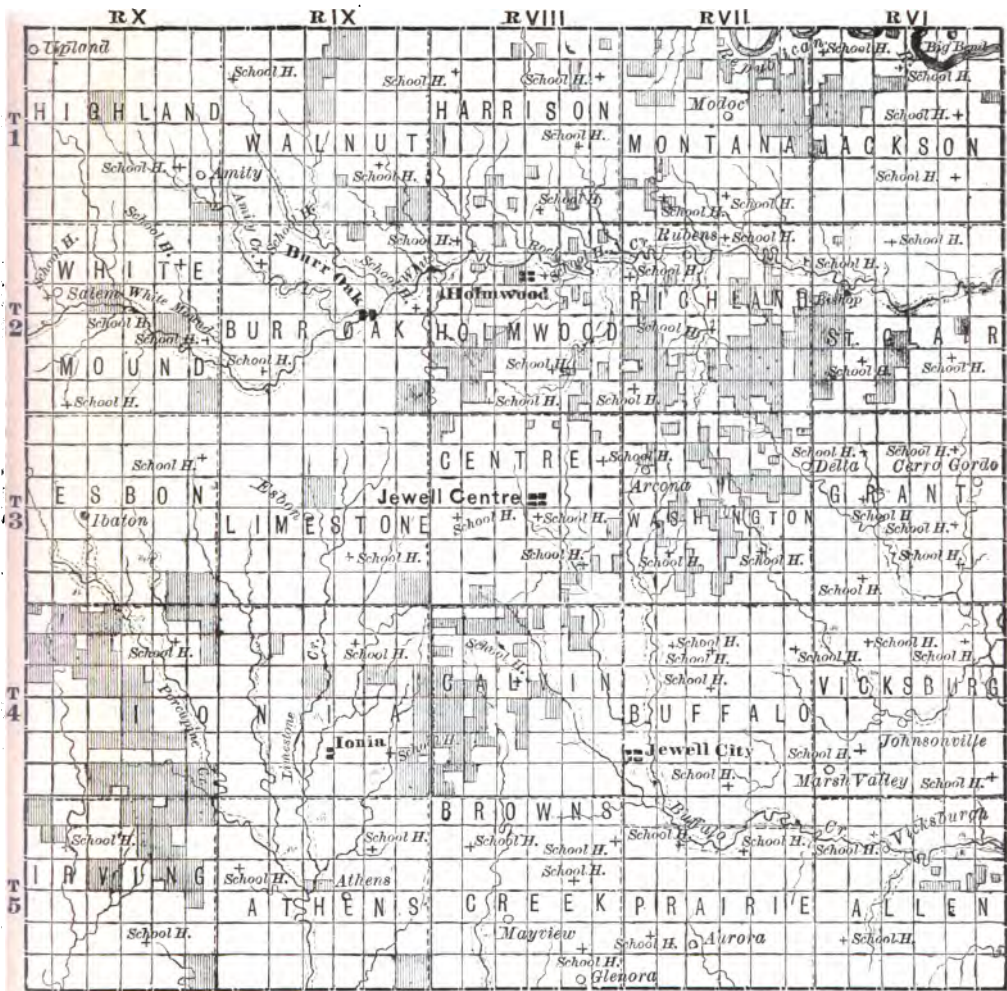
The prices of vacant land range from \$2 to \$8 per acre.

## JEWELL COUNTY.

Organized in 1870. Named in honor of Lewis R. Jewell, Lieutenant Colonel Sixth Kansas Cavalry, who died of wounds received in battle at Cane Hill, Arkansas, November 28, 1862. Square miles, 900; population to square mile, 8.50. Population in 1870, 207; population in 1875, 7,651: increase in five years, 7,444.



MAP OF JEWELL COUNTY, KANSAS, 1875.



Government Lands

RAND, MCNALLY & CO., ENDS, CHICAGO

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Allen .....           | 257  | Athens .....          | 408  | Browns Creek .....    | 368  |
| Buffalo .....         | 588  | Burr Oak .....        | 886  | Centre .....          | 427  |
| Esbon .....           | 234  | Grant .....           | 868  | Harrison .....        | 345  |
| Highland .....        | 318  | Holmwood .....        | 318  | Ionia .....           | 398  |
| Irving .....          | 219  | Jackson .....         | 308  | Limestone .....       | 350  |
| Montana .....         | 282  | Prairie .....         | 308  | Richland .....        | 265  |
| St. Clair .....       | 310  | Vicksburg .....       | 332  | Washington .....      | 225  |
| Walnut .....          | 266  | White Mound .....     | 381  |                       |      |

*Nativity.*—Born in the United States, 7,012; in Germany, 117; in Ireland, 85; in England and Wales, 96; in Scotland, 16; in Sweden, Norway and Denmark, 130; in France, 4; in North of Europe, 46; in South of Europe, 10; in British America, 127; in countries not specified, 8.

*Sex.*—Males, 4,125; females, 3,526.

WHERE FROM TO KANSAS.

|                     |       |                      |     |                             |     |
|---------------------|-------|----------------------|-----|-----------------------------|-----|
| California .....    | 29    | Nebraska .....       | 571 | Wisconsin .....             | 336 |
| Colorado .....      | 3     | Nevada .....         | 15  | Dist. of Columbia and the   |     |
| Delaware .....      | 5     | New Hampshire .....  | 11  | Territories .....           | 9   |
| Illinois .....      | 1,223 | New Jersey .....     | 19  | Germany .....               | 1   |
| Indiana .....       | 805   | New York .....       | 93  | England and Wales .....     | 10  |
| Iowa .....          | 2,574 | North Carolina ..... | 21  | Scotland .....              | 1   |
| Kentucky .....      | 49    | Ohio .....           | 205 | Sweden, Norway and Den-     |     |
| Maine .....         | 9     | Pennsylvania .....   | 72  | mark .....                  | 16  |
| Maryland .....      | 4     | Tennessee .....      | 22  | Italy .....                 |     |
| Massachusetts ..... | 10    | Texas .....          | 7   | Other South of Europe ..... | 3   |
| Michigan .....      | 196   | Vermont .....        | 7   | British America .....       | 29  |
| Minnesota .....     | 92    | Virginia .....       | 25  |                             |     |
| Missouri .....      | 658   | West Virginia .....  | 24  |                             |     |

Born in Kansas, 940; not otherwise stated, 49.

*Occupation.*—There are 1,826, or 91.7 per cent., engaged in Agriculture; 58, or 2.9 per cent., in Professional and Personal service; 23, or 1.1 per cent., in Trade and Transportation; 83, or 4.1 per cent., in Manufactures and Mining.

*County Seat.*—Jewell Centre, the county seat, is 144 miles in an air line from Topeka, in a northwesterly direction.

*Face of the Country.*—Bottom lands, 16 per cent.; upland, 84 per cent.; forest, 3 per cent.; prairie, 97 per cent. Average width of bottoms, one half-mile; general surface of the country, undulating.

*Timber.*—Width of timber belts on White Rock, 80 rods; Limestone, 60 rods; other streams, 10 to 40 rods—average perhaps 40 rods. Varieties: oak, elm, cedar, hackberry, cottonwood, walnut, box elder, ash.

*Principal Streams.*—Republican river touches the northeast corner of the county, runs east along the northern boundary about ten miles. White Rock creek runs east, intersecting the north half of the county; its tributaries are, on the south, Johns, Big Timber, Porcupine and Smith creeks, course north; on the north, Montana, Walnut and Burr Oak, course southeast. Buffalo creek flows through the southeastern portion of the county, course east, and empties into the Republican. Limestone, in the southwest part of the county, runs south and empties into the Solomon. The county is well supplied with springs; good well water reached at a depth of from 6 to 100 feet; average about 25 feet.

*Coal.*—T. B. Carpenter, Secretary of the Jewell County Agricultural Society, states, that no coal has yet been found in the county in paying quantity. Prof. Mudge says that surface coal, of a poor quality of lignite, in a vein of from 15 to 20 inches in thickness, is found in the southeast corner of the county. It is used only locally.

*Building Stone, etc.*—Magnesian limestone extends over the north and northwest portions of the county. Sandstone is found in the extreme south. There is a salt marsh in the southeast corner of the county undeveloped.

*Railroad Connections.*—No railroads have yet been constructed in the county.

*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 76,216; under cultivation, 71,208.95; taxable acres, 93.37 per cent.; increase of cultivated acres during the year, 13,171.95.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 3,529.25  | 17.00          | 59,997    | \$ .65 | \$ 33,998.05      |
| Rye.....bu.                   | 4,350.05  | 18.00          | 78,301    | .45    | 57,235.45         |
| Spring Wheat.....bu.          | 19,125.25 | 14.00          | 267,753   | .40    | 107,101.20        |
| Corn.....bu.                  | 26,339.50 | 40.00          | 1,053,580 | .20    | 210,716.00        |
| Barley.....bu.                | 1,660.25  | 22.00          | 36,535    | 1.15   | 42,008.75         |
| Oats.....bu.                  | 4,709.25  | 25.00          | 117,731   | .20    | 23,546.20         |
| Buckwheat.....bu.             | 21.25     | 12.00          | 255       | .80    | 204.00            |
| Potatoes, Irish.....bu.       | 575.57    | 95.00          | 54,679    | .20    | 10,935.80         |
| Sweet Potatoes.....bu.        | 11.16     | 135.00         | 1,507     | .90    | 1,356.30          |
| Sorghum.....gall.             | 457.64    | 115.00         | 52,639    | .40    | 21,051.60         |
| Castor Beans.....bu.          | 13.25     | 14.00          | 185       | 1.00   | 185.00            |
| Cotton.....bs.                |           |                |           |        |                   |
| Flax.....bu.                  | 837.12    | 9.00           | 3,084     | .85    | 2,578.90          |
| Hemp.....bs.                  |           |                |           |        |                   |
| Tobacco.....bs.               | 2.24      | 500.00         | 1,120     | .06    | 67.20             |
| Broom Corn.....bs.            | 40.75     | 740.00         | 30,155    | .05    | 1,507.75          |
| Millet and Hungarian.....tons | 577.67    | 2.25           | 1,800     | 4.00   | 5,200.00          |
| Timothy.....tons              | 90.25     | 1.00           | 90        | 7.00   | 140.00            |
| Clover.....tons               | 4.25      | 2.00           | 8         | 6.50   | 52.00             |
| Prairie.....tons              | 738.00    | 1.50           | 1,107     | 3.00   | 3,321.00          |

*Dairy Products.*—Cheese manufactured in 1875, 3,292 lbs. Butter manufactured in 1875, 110,808 lbs.

*Farm Animals.*—Number of horses, in 1875, 2,797. Mules and asses, in 1875, 471. Cattle, in 1875, 6,208. Sheep, in 1875, 572. Swine, in 1875, 5,010.

*Dogs.*—Number of dogs in the county, 1,198; number of sheep killed by dogs, 6; value of sheep killed by dogs, \$18.98. Number of sheep killed by wolves, 8; value of sheep killed by wolves, \$6.99.

*Horticulture.*—Acres of nurseries, 14.75; orchards, 130.87; vineyards, 2.50.

*Apiculture.*—Number of stands of bees, 2.

*Fences.*—Stone, 451 rods; cost, \$902. Rail, 26,621 rods; cost, \$33,600.45. Board, 2,319 rods; cost, \$3,246.60. Wire, 2,900 rods; cost \$2,030. Hedge, 6,844 rods, cost, \$3,935.30. Total rods of fence, 39,135; total cost, \$48,714.35.

*Water Powers.*—There are no water powers.

*Manufactures.*—White Mound township, one steam saw mill.

*Banks.*—None in the county.

*Business Houses of Principal Town.*—Township of Buffalo: boots and shoes, 1; confectionery and bakery, 1; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 1; hardware and agricultural implements, 1; hats and caps, 1; jewelry, clocks and watches, 1; music and musical instruments, 2; general country store, 2.

*Newspapers.*—The *Jewell City Diamond*, published weekly, at Jewell City, and the *Monitor*, published weekly, at Jewell Centre.

*Schools, etc.*—Organized school districts, 118; school houses, 44; value of school buildings and grounds, furniture and apparatus, \$26,259.

*Churches.*—Presbyterian: Organizations 1, membership, 14. Baptist: Organizations 3, membership 157. United Presbyterian: Organizations 2, membership 25. Methodist: Organizations 13, membership 240, church edifices 1, valuation \$800. Catholic: Organizations 2, membership 150.

*Libraries.*—No returns.

*Lands.*—Unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$175.32; poultry and eggs sold, \$1,444.35; pounds of wool produced, 785.

The price of vacant lands range from \$1.25 to \$8 per acre.

## JOHNSON COUNTY.

Organized in 1855. Named in honor of Thomas Johnson, who, in 1829, established a Methodist mission among the Shawnee Indians, within the limits of the county, where he continued to reside till the opening of the Territory to settlement. He became a member and was chosen President of the upper branch of the first Territorial Legislature, 1855, which adjourned from Pawnee, where it was convened by Gov. Reeder, to Mr. Johnson's mission, where the session was held, and the first Kansas laws were enacted. Square miles, 480; population to square mile, 30.37. Population in 1860, 4,364; in 1870, 13,684: increase in ten years, 9,320; population in 1875, 14,580: increase in five years, 896: increase in fifteen years, 10,216.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Aubry.....            | 1,158 | Gardner.....          | 991   | Lexington.....        | 1,638 |
| McCamish.....         | 1,017 | Monticello.....       | 1,200 | Olathe.....           | 1,347 |
| City of Olathe.....   | 2,146 | Oxford.....           | 1,939 | Shawnee.....          | 1,957 |
| Spring Hill.....      | 1,187 |                       |       |                       |       |

*Nativity.*—Born in the United States, 13,455; in Germany, 350; in Ireland, 292; in England and Wales, 159; in Scotland, 42; in Sweden, Norway and Denmark, 54; in France, 9; in North of Europe, 16; in South of Europe, 86; in British America, 90; in countries not specified, 27.

*Sex.*—Males, 7,572; females, 7,008.

## WHERE FROM TO KANSAS.

|                    |       |                     |       |                            |     |
|--------------------|-------|---------------------|-------|----------------------------|-----|
| Alabama.....       | 16    | Mississippi.....    | 2     | Virginia.....              | 101 |
| Arkansas.....      | 53    | Missouri.....       | 3,158 | West Virginia.....         | 40  |
| California.....    | 27    | Nebraska.....       | 65    | Wisconsin.....             | 148 |
| Colorado.....      | 29    | Nevada.....         | 1     | Dist. of Columbia and the  |     |
| Connecticut.....   | 4     | New Hampshire.....  | 3     | Territories.....           | 28  |
| Georgia.....       | 17    | New Jersey.....     | 38    | Germany.....               | 141 |
| Illinois.....      | 2,012 | New York.....       | 146   | Ireland.....               | 34  |
| Indiana.....       | 760   | North Carolina..... | 118   | England and Wales.....     | 44  |
| Iowa.....          | 916   | Ohio.....           | 1,422 | Scotland.....              | 4   |
| Kentucky.....      | 341   | Oregon.....         | 1     | Sweden, Norway and Den-    |     |
| Louisiana.....     | 12    | Pennsylvania.....   | 247   | mark.....                  | 40  |
| Maine.....         | 12    | Rhode Island.....   | 6     | France.....                | 1   |
| Maryland.....      | 12    | South Carolina..... | 2     | Other North of Europe..... | 9   |
| Massachusetts..... | 42    | Tennessee.....      | 100   | Other South of Europe..... | 8   |
| Michigan.....      | 120   | Texas.....          | 33    | British America.....       | 47  |
| Minnesota.....     | 18    | Vermont.....        | 17    |                            |     |

Born in Kansas, 4,165; not otherwise stated, 20.

*Occupation.*—There are 2,566, or 72.7 per cent., engaged in Agriculture; 383, or 10.8 per cent., in Professional and Personal service; 270, or 7.6 per cent., in Trade and Transportation; 307, or 8.7 per cent., in Manufactures and Mining.

*County Seat.*—Olathe, the county seat, is 48 miles in an air line from Topeka, in an easterly direction.

*Face of the Country.*—Bottom land, 10 per cent.; upland, 90 per cent.; forest, 16 per cent.; prairie, 84 per cent. Average width of bottoms, from one-half to two miles; general surface of the county undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: oak, walnut, hickory, hackberry, sycamore, ash, and some others in small quantities.

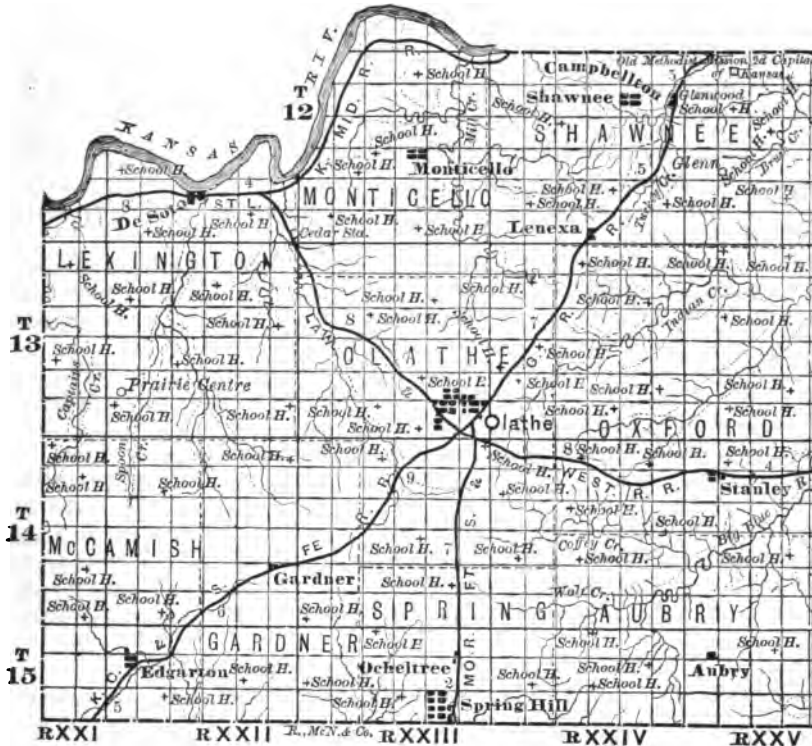
*Principal Streams.*—Indian and Blue creeks run east. Turkey, Mill, Cedar, Clear, Captain's and Kill creeks run north. Two forks of Bull creek run south.

All the creeks have their source near the centre of the county. The county is well supplied with springs; good well water obtained at a depth of from 10 to 40 feet.

**Coal.**—John M. Giffen, of Olathe, states that by boring to the depth of 580 feet a three and one-half foot vein of bituminous coal has been found. It is not worked. A seven-inch vein crops out in several places in the county.

**Building Stone, etc.**—Building stone crops out at convenient places all over the county. It is claimed that hydraulic cement, red ochre, fire and pottery clay have been discovered, but the discoveries have not been utilized.

MAP OF JOHNSON COUNTY, KANSAS, 1875.



**Railroad Connections.**—The Leavenworth, Lawrence & Galveston Railroad runs through the county from northeast to southwest. The Missouri River, Fort Scott and Gulf Railroad occupies the same track to Olathe; thence extends directly south through the county. The St. Louis, Lawrence & Denver Railroad (Pleasant Hill road) enters the county at its northwest corner and extends southeastwardly through the county. The Kansas Midland Railroad (Topeka & Kansas City) uses for the present the track of the Pleasant Hill road to De Soto, thence to Kansas city.

**Agricultural Statistics.**—Acres in the county, 807,200; taxable acres, 259,749; under cultivation, 145,664.49; cultivated to taxable acres, 56.79 per cent.: increase of cultivated acres during the year, 16,393.49

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE.  | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|---------|-------------------|
| Winter Wheat.....bu.          | 2,959.60  | 18.00          | 53,273    | \$ 1.05 | \$ 55,936.56      |
| Rye.....bu.                   | 350.09    | 20.00          | 7,002     | .65     | 4,551.30          |
| Spring Wheat.....bu.          | 75.50     | 12.00          | 950       | .70     | 651.00            |
| Corn.....bu.                  | 81,845.00 | 44.00          | 3,601,180 | .25     | 900,295.00        |
| Barley.....bu.                | 8.00      | 30.00          | 240       | 1.23    | 295.20            |
| Oats.....bu.                  | 1,021.60  | 40.00          | 40,864    | .27     | 10,823.28         |
| Buckwheat.....bu.             | 1,409.00  | 20.00          | 28,180    | .85     | 23,953.00         |
| Potatoes, Irish.....bu.       | 1,764.58  | 128.00         | 225,866   | .27     | 60,983.82         |
| Sweet Potatoes.....bu.        | 74.00     | 150.00         | 11,100    | .85     | 9,435.00          |
| Sorghum.....gall.             | 464.27    | 120.00         | 55,713    | .50     | 27,856.00         |
| Castor Beans.....bu.          | 1,157.50  | 18.00          | 20,835    | 1.12    | 23,335.20         |
| Cotton.....lbs.               | 45.50     | 100.00         | 4,550     | 1.10    | 4,550.00          |
| Flax.....bu.                  | 1,137.23  | 12.00          | 13,647    | 1.17    | 15,966.99         |
| Hemp.....lbs.                 | 52.00     | 700.00         | 36,400    | .68     | 24,752.00         |
| Tobacco.....lbs.              | 8.50      | 650.00         | 5,525     | .08     | 442.00            |
| Broom Corn.....lbs.           | 680.87    | 800.00         | 544,696   | .05     | 27,234.80         |
| Millet and Hungarian.....tons | 1,561.00  | 2.75           | 4,293     | 6.00    | 25,758.00         |
| Timothy.....tons              | 4,399.75  | 1.25           | 5,500     | 8.50    | 46,750.00         |
| Clover.....tons               | 738.50    | 2.50           | 1,844     | 6.50    | 11,999.00         |
| Prairie.....tons              | 19,377.50 | 2.00           | 38,755    | 3.25    | 125,953.75        |

*Dairy Products.*—Cheese manufactured in 1870, 24,850 lbs.; in 1875, 15,925 lbs.: decrease, 8,925 lbs. Butter manufactured in 1870, 219,358 lbs.; in 1875, 190,629 lbs.: decrease, 28,729 lbs.

*Farm Animals.*—Number of horses, in 1870, 4,798; in 1875, 6,161: increase 1,363. Mules and asses, in 1870, 681; in 1875, 955: increase, 274. Cattle, in 1870, 11,219; in 1875, 15,786: increase, 4,567. Sheep, in 1870, 3,691; in 1875, 1,202: decrease, 2,489. Swine, in 1870, 10,342; in 1875, 14,111: increase, 3,769.

*Dogs.*—Number of dogs in the county, 2,000; number of sheep killed by dogs, 183; value of sheep killed by dogs, \$426.39. Number of sheep killed by wolves, 24; value of sheep killed by wolves, \$79.22.

*Horticulture.*—Acres of nurseries, 45; orchards, 3,693.43; vineyards, 113.44.

*Apiaculture.*—Number of stands of bees, 637; pounds of honey, 1,312; wax, 21.

*Fences.*—Stone, 17,624 rods; cost, \$44,060. Rail, 308,611 rods; cost, \$447,485.95. Board, 104,559 rods; cost, \$148,996.57. Wire, 43,000 rods; cost, \$34,400. Hedge, 334,592 rods; cost, \$167,296. Total rods of fence, 808,386; total cost, \$842,238.52.

*Herd Law.*—In this county they have had a night herd law in operation for about fifteen years, and a correspondent says: "It has a good effect upon the prosperity of the county."

*Water Powers.*—There are no water powers reported from the county.

*Manufactures.*—Spring Hill, steam grist mill, capital \$30,000. Olathe, steam grist mill, capital \$20,000. De Soto, steam grist mill, capital \$8,000. McCamish township, steam grist mill, capital \$8,000; cheese factory. Olathe, one cigar manufactory. Shawnee, saw and grist mill. Monticello, saw and grist mill. Olathe, steam spring-bed factory.

*Banks.*—People's Savings Bank, of Olathe. The location and names of the other two banks in the county have not been furnished. The aggregate capital employed in the banks is \$25,892.

*Newspapers.*—The *Mirror and News Letter*, and *Progress*, both published weekly, at Olathe.

*Schools, etc.*—Organized school districts, 90; school houses, 80; value of school buildings and grounds, furniture and apparatus, \$65,851. Three parochial schools under the auspices of the Catholic church—one at Shawnee, one at Aubrey and one at Edgerton.

*Churches.*—Presbyterian: Organizations 6, membership 290, church edifices 6, valuation \$14,500. Congregational: Organization 1, membership 48, church edifices 1, valuation \$3,000. Baptist: Organizations 4, membership 208, church edifices 1, valuation \$2,200. United Presbyterian: Organizations 2, membership 140, church edifices 2, valuation \$5,000. Methodist: Organizations 5, membership 963, church edifices 5, valuation \$17,000. Episcopal: Membership 9. Catholic: Organizations 5, membership 860, church edifices 5, valuation \$3,000. Universalist: Organizations 1, membership 17.

*Libraries.*—Five public libraries with 770 volumes, and 87 private, with 5,193 volumes, are reports only of five townships of the ten in the county.

*Lands.*—There are no unsold lands in the county.

*Miscellaneous.*—Garden produce marketed, \$1,402; poultry and eggs sold, \$7,673.00; pounds of wool produced, 2,487.

*Wages.*—Farm laborers, per month, with board, \$18 to \$25; laborers in cities or on public improvements, \$1 to \$1.50 per day; carpenters, \$2 to \$2.50; bricklayers and stonemasons, \$2 to \$2.50; house painters, \$2 to \$4; wagon makers, \$3 to \$5; blacksmiths, \$3 to \$5; shoemakers, \$2.50 to \$3; harness makers, \$2.50 to \$3; tailors, \$2.50 to \$3; printers, \$1 to \$2.50 per day, per 1,000 ems, 25 to 40 cents; clerks, \$20 to \$50 per month; tanners, \$2.50 to \$4 per day.

The price of vacant lands range from \$3.50 to \$12 per acre.

## LABETTE COUNTY.

Organized in 1867. Named for the river Labette, a tributary of the Neosho, traversing the county. The name Labette is of French origin, and signifies "the beet." Square miles, 649; population to square mile, 22.44. Population in 1870, 9,973; population in 1875, 14,571: increase in five years, 4,598.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

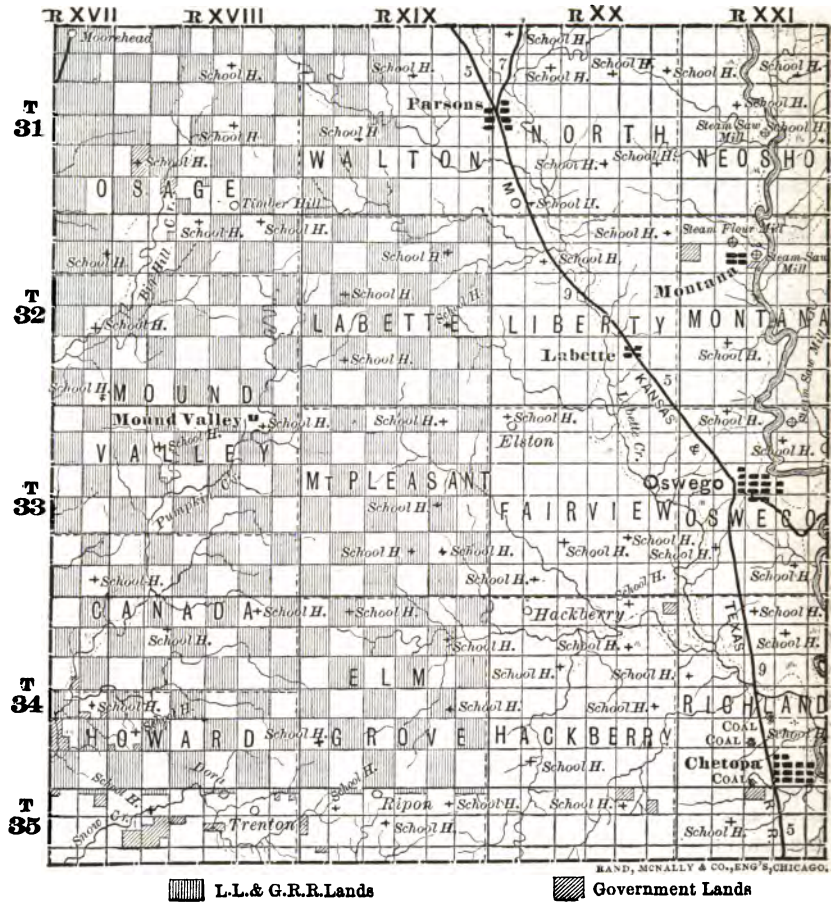
| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Canada .....          | 818  | Elm Grove .....       | 584   | Fairview .....        | 583   |
| Hackberry .....       | 877  | Howard .....          | 502   | Labette .....         | 358   |
| Liberty .....         | 752  | Montana .....         | 760   | Mound Valley .....    | 809   |
| Mount Pleasant .....  | 386  | Neosho .....          | 563   | Parsons .....         | 2,120 |
| Osage .....           | 902  | North .....           | 511   | Oswego City .....     | 1,212 |
| Oswego .....          | 778  | Chetopa City .....    | 1,068 | Richland .....        | 967   |
| Walton .....          | 541  |                       |       |                       |       |

*Nativity.*—Born in the United States, 13,630; in Germany, 217; in Ireland, 221; in England and Wales, 151; in Scotland, 55; in Sweden, Norway, and Denmark, 69; in France, 26; in North of Europe, 6; in Italy, 2; in South of Europe, 39; in British America, 150; in countries not specified, 5.

*Sex.*—Males, 7,735; females, 6,836.



MAP OF LABETTE COUNTY, KANSAS, 1875.



## WHERE FROM TO KANSAS.

|                     |       |                      |       |                             |     |
|---------------------|-------|----------------------|-------|-----------------------------|-----|
| Alabama .....       | 7     | Michigan .....       | 159   | Virginia .....              | 69  |
| Arkansas .....      | 246   | Minnesota .....      | 65    | West Virginia .....         | 31  |
| California .....    | 24    | Mississippi .....    | 8     | Wisconsin .....             | 143 |
| Colorado .....      | 15    | Missouri .....       | 2,211 | Dist. of Columbia and the   |     |
| Connecticut .....   | 8     | Nebraska .....       | 52    | Territories .....           | 132 |
| Delaware .....      | 1     | Nevada .....         | 2     | Germany .....               | 68  |
| Florida .....       | 3     | New Hampshire .....  | 12    | Ireland .....               | 23  |
| Georgia .....       | 14    | New Jersey .....     | 22    | England and Wales .....     | 22  |
| Illinois .....      | 8,774 | New York .....       | 200   | Scotland .....              | 8   |
| Indiana .....       | 1,665 | North Carolina ..... | 13    | Sweden, Norway and Den-     |     |
| Iowa .....          | 1,402 | Ohio .....           | 619   | mark .....                  | 26  |
| Kentucky .....      | 422   | Oregon .....         | 6     | France .....                | 8   |
| Louisiana .....     | 8     | Pennsylvania .....   | 142   | Italy .....                 | 1   |
| Maine .....         | 8     | Tennessee .....      | 118   | Other South of Europe ..... | 1   |
| Maryland .....      | 2     | Texas .....          | 199   | British America .....       | 53  |
| Massachusetts ..... | 21    | Vermont .....        | 24    |                             |     |



Born in Kansas, 2,512; not otherwise stated, 27.

*Occupation.*—There are 2,327, or 64 per cent., engaged in Agriculture; 578, or 15.9 per cent., in Professional and Personal service; 840, or 9.3 per cent., in Trade and Transportation; 386, or 10.6 per cent., in Manufactures and Mining.

*County Seat.*—Oswego, the county seat, is 131 miles in an air line from Topeka, in a southerly direction.

*Face of the Country.*—Bottom lands, 20 per cent.; upland, 80 per cent.; forest, 10 per cent.; prairie, 90 per cent. Average width of bottoms—the Neosho one mile, others one-half mile; in the eastern and northeastern parts the surface is rocky and bluffy, south and west undulating, and the bottom between the Neosho and Labette level.

*Timber.*—Average width of timber belts—along the Neosho two miles, other streams from one-half to one mile. Varieties: black walnut, hickory, pecan, hackberry, sycamore, red and white elm, red, burr, barren and Spanish oak, mulberry, willow, cottonwood, maple.

*Principal Streams.*—Neosho river, running from north to south along the east line of the county. Labette river, runs from the northern central portion of the county in a southeasterly direction, and unites with the Neosho three miles north of the south line of the county. Hackberry creek, runs from west to east and empties into the Labette. Deer and Pumpkin creeks, run southeast and empty into the Hackberry. Turkey creek, runs northeast, joining the Labette. Snow creek, running southwest, empties into the Verdigris. There are but few springs in the county; well water is reached at a depth of from 20 to 40 feet.

*Coal.*—Coal has been discovered in two townships, underlying about 75 per cent. of the area of those townships. Thickness, from 10 to 24 inches; depth below surface, 2 to 12 feet; quality, hard, black and yellow—no rock or sulphur; used for domestic and local manufacturing purposes, and large quantities shipped north. J. M. Cavaness, of Chetopa, locates this coal in township 34, range 21 east, and states that about 1,200 tons have been mined during the past year. It is bituminous coal, and sells for \$2 per ton.

*Building Stone, etc.*—An abundance of lime and sandstone of good quality is found near and south of Oswego; pottery clay is found to a small extent along the Labette river; also some gypsum.

*Railroad Connections.*—The Missouri, Kansas & Texas Railroad enters the county from the northeast and northwest, uniting at Parsons, whence it runs in a southeasterly direction, leaving the county near its southeast corner; the Leavenworth, Lawrence & Galveston Railroad crosses the northwestern corner of the county. Principal stations on the Missouri, Kansas & Texas: Parsons, Labette, Oswego and Chetopa.

*Agricultural Statistics.*—Acres in the county, 415,360; taxable acres, 401,918; under cultivation, 139,688.14; cultivated to taxable acres, 34.75 per cent.: increase of cultivated acres during the year, 26,167.14.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 38,075.75 | 20.00          | 761,515   | \$ .95 | \$723,439.25      |
| Rye.....bu.                   | 313.50    | 23.00          | 7,210     | .60    | 4,326.00          |
| Spring Wheat.....bu.          | 12.50     | 12.00          | 150       | .75    | 112.50            |
| Corn.....bu.                  | 44,490.50 | 42.00          | 1,868,601 | .20    | 373,720.20        |
| Barley.....bu.                | 3.00      | 30.00          | 90        | 1.20   | 108.00            |
| Oats.....bu.                  | 6,391.75  | 38.00          | 242,886   | .20    | 48,577.20         |
| Buckwheat.....bu.             | 5.50      | 20.00          | 110       | 1.12   | 123.20            |
| Potatoes, Irish.....bu.       | 1,109.85  | 125.00         | 138,731   | .40    | 55,492.40         |
| Sweet Potatoes.....bu.        | 99.98     | 155.00         | 15,497    | .75    | 11,622.75         |
| Sorghum.....gall.             | 905.95    | 125.00         | 113,244   | .42½   | 48,128.70         |
| Castor Beans.....bu.          | 1,564.75  | 12.00          | 18,777    | 1.00   | 18,777.00         |
| Cotton.....lbs.               | 101.49    | 200.00         | 20,298    | .10    | 2,029.80          |
| Flax.....bu.                  | 2,036.25  | 10.00          | 20,362    | 1.20   | 24,434.40         |
| Hemp.....lbs.                 | 5.50      | 750.00         | 4,125     | .65    | 2,681.25          |
| Tobacco.....lbs.              | 12.62     | 700.00         | 8,834     | .07½   | 662.55            |
| Broom Corn.....lbs.           | 95.75     | 825.00         | 78,954    | .05    | 3,949.70          |
| Millet and Hungarian.....tons | 1,215.50  | 8.25           | 3,950     | 4.00   | 15,800.00         |
| Timothy.....tons              | 266.50    | 1.25           | 333       | 6.00   | 1,998.00          |
| Clover.....tons               | 63.50     | 2.50           | 159       | 6.00   | 954.00            |
| Prairie.....tons              | 10,055.00 | 1.50           | 15,082    | 4.00   | 60,328.00         |

## A WHEAT CROP.—Statement of Mr. Roberts, of Oswego:

I raised this year 118 acres of winter wheat, which averaged a little over 22 bushels to the acre, after a loss of at least two bushels to the acre from a wet harvest. I had four varieties of wheat: one-half the crop being of the "Golden Straw Mediterranean" variety, and the remainder being in about equal parts "Tappahan-nock," "Walker" and "White Walker." The first yielded 23 bushels per acre, the second and third 20 bushels, and the fourth 16 bushels. Commenced harvesting the middle of June. The Mediterranean is two weeks earlier than the other varieties, so I have two weeks to harvest in, having no over-ripe wheat. My land is upland prairie; soil, what is called ashy land. Half the land has been in cultivation six years, the balance from one to five years, just as we get the sod plowed. We put corn on the sod, then oats the next spring, then wheat in the fall; then wheat every year thereafter, never changing the crop. The old ground produces as much as the new, but, not ripening so quick, gives the chinch bugs a better chance; that is all the difference I can see. I plowed for this crop as soon as I could after harvest, and commenced sowing on the 8th of October; should have commenced by the middle of September, but was delayed by the grasshoppers. Commenced to harrow two days in advance, then followed with a roller, then drilled in the wheat, putting in about ten acres a day. I kept no account of the cost of this crop.

*Oats.* I had this year 18 acres of oats, which yielded 75 bushels per acre, after a loss of a considerable amount from storms.

*Dairy Products.*—Cheese manufactured in 1870, 100 lbs.; in 1875, 9,840 lbs.: increase, 9,740 lbs. Butter manufactured in 1870, 69,218 lbs.; in 1875, 216,804 lbs.: increase, 147,586 lbs.

*Farm Animals.*—Number of horses in 1870, 2,644; in 1875, 4,722: increase, 2,078. Mules and asses in 1870, 451; in 1875, 603: increase, 152. Cattle in 1870, 9,941; in 1875, 12,807: increase, 2,866. Sheep in 1870, 2,910; in 1875, 1,188: decrease, 1,722. Swine in 1870, 2,540; in 1875, 7,454: increase, 4,914.

*Dogs.*—Number of dogs in the county, 1,862; number of sheep killed by dogs, 65; value of sheep killed by dogs, \$151.45. Number of sheep killed by wolves, 44; value of sheep killed by wolves, \$102.50.

*Horticulture.*—Acres of nurseries, 127.50; orchards, 4,320.50; vineyards, 92.84.

*Apiaculture.*—Number of stands of bees, 146; pounds of honey, 394; wax, 4.

*Fences.*—Stone, 4,592 rods; cost, \$11,480. Rail, 257,884 rods; cost, \$354,590.50. Board, 25,532 rods; cost, \$29,361.80. Wire, 28,700 rods; cost, \$20,090. Hedge, 341,420 rods; cost \$170,710. Total rods of fence, 658,128; total cost, \$586,232.30.



*B. Clarke. Architect.*

**CHETOPA PUBLIC SCHOOL.**

312½ Chestnut st. S. Louis.

**Herd Law.**—The herd law has been in operation throughout this county since 1874. A correspondent writes, that it "prevents stock, such as cattle, being diseased by Spanish fever; causes less damage to be done to cultivated crops; enables farmers to keep better breeds of stock."

**Water Powers.**—The Neosho furnishes good power. At Oswego, where the river makes a "horse-shoe bend," there is a sufficient fall for extensive manufacturing facilities. A survey has been made and published. A race of a mile in length would insure a fall of nine feet.

**Manufactures.**—Oswego township, steam flouring mill, capital \$11,000; broom factory, capital \$3,000; cabinet factory, capital \$2,800; brick manufactory, capital \$2,000; cheese factory. Richland township, steam furniture factory, capital \$3,000; steam flouring mill, capital \$7,000; steam flouring mill, capital \$5,000. Neosho township, steam saw mill. Liberty township, steam flouring mill. City of Oswego, one brewery. City of Parsons, foundry and machine shop; pottery and drain tile factory; steam furniture factory; one brewery. Montana township, flour mill; saw mill. Chetopa, steam foundry.

**Banks.**—First National Bank of Parsons; Parsons Savings Bank. Private banking houses: Brockway & Draper, Oswego; Hobert & Longwell, Oswego. The total capital of the three last-named banks is \$73,433.

**Business Houses of Principal Towns.**—City of Parsons: Agricultural implements and wagons, 1; books, periodicals and stationery, 1; boots and shoes, 8; clothing and tailoring, 3; confectionery, 3; dry goods, 6; drugs, oils and paints, 4; furniture and upholstery, 2; groceries, 8; gunsmiths, 1; hardware, 2; jewelry, clocks, watches, etc., 3; lumber, 2; millinery, 2; queensware, 4; saddles and harness, 2; sewing machines, 1; bakeries, 2; tobacconist, 1. Oswego City: Agricultural implements and wagons, 5; books, periodicals and stationery, 4; boots and shoes, 3; clothing and tailoring, 1; dry goods, 4; drugs, oils and paints, 7; furniture and upholstery, 2; groceries, 4; gunsmiths, 1; hardware, 2; hats and caps, 1; jewelry, clocks, watches, etc., 2; lumber, 1; music and musical instruments, 1; millinery, 4; queensware, 2; saddles and harness, 2; sewing machines, 1. City of Chetopa: Agricultural implements and wagons, 2; agricultural implements and wagons made and sold by blacksmiths, 3; foundry and machine shops, agricultural implements, 1; books, periodicals and stationery, 1; boots and shoes, 2; clothing and tailoring, 2; dry goods, 2; drugs, oils and paints, 4; groceries, 6; gunsmiths 1; hardware, 2; hats and caps, 2; jewelry, clocks, watches, etc., 1; lumber, 2; millinery, 2; general country store, 1; queensware, 6; saddles and harness, 2; hides, furs and wool, 1; pork packing, 1; ice, 1; wholesale liquors, 1; cattle feeding, 1; merchant mills, 2.

**Newspapers.**—The following weekly papers are published: The *Advance* and *Herald*, at Chetopa, the *Independent*, at Oswego, the *Sun* and *Eclipse*, at Parsons.

**Schools, etc.**—Organized school districts, 95; school houses, 86; value of school buildings and grounds, furniture and apparatus, \$118,270.

**Churches.**—Presbyterian: Organizations 7, membership 286, church edifices 3, valuation \$12,500. Congregational: Organizations 2, membership 18, church edifices 2, valuation \$7,000. Baptist: Organizations 7, membership 280, church edifices 2, valuation \$5,500. United Presbyterian: Organizations 2, membership 60, church edifices 1, valuation \$10,000. Methodist: Organizations 26, membership 855, church edifices 5, parsonages 3, valuation \$12,100. Episcopal: Organizations 1, membership 16, church edifices 1, valuation \$5,000. Catholic: Organizations 1, membership 800, church edifices 1, valuation, \$900.

*Libraries.*—Of the sixteen townships, seven send reports, showing 1 public and 116 private libraries, aggregating 12,230 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$3,378.30; poultry and eggs sold, \$6,698.35; pounds of wool produced, 3,264.

*Wages.*—Farm laborers, per month, with board, \$13 to \$20; laborers in cities or on public improvements, \$1 to \$1.50 per day; carpenters, \$2 per day; bricklayers and stonemasons, \$2.75; house painters, \$3; wagon makers, \$2; blacksmiths, \$2.50; shoemakers, \$2; harness makers, \$2; tailors, \$2; printers, \$2; clerks, \$50 per month; tanners, \$2 per day.

The price of vacant lands range from \$1.25 to \$6 per acre.

## LEAVENWORTH COUNTY.

Organized in 1855. Took its name from the prominent military post situated within its limits, and which was established in the year 1827, and named in honor of Gen. Leavenworth, of the U. S. Army, who selected its site. It was at the time the most extreme frontier outpost. Square miles, 455; population to square mile, 60.87. Population in 1860, 12,606; in 1870, 32,444; increase in ten years, 19,838. population in 1875, 27,698; decrease in five years, 4,746; increase in fifteen years, 15,092.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.   | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|--------|-----------------------|-------|-----------------------|-------|
| Leavenworth City..... | 15,136 | Alexandria.....       | 1,152 | Delaware.....         | 1,595 |
| Easton.....           | 1,128  | Fairmount.....        | 875   | High Prairie.....     | 1,318 |
| Kickapoo.....         | 1,984  | Reno.....             | 812   | Sherman.....          | 973   |
| Stranger.....         | 1,106  | Tonganoxie.....       | 1,609 |                       |       |

*Nativity.*—Born in the United States, 22,885; in Germany, 1,978; in Ireland, 1,557; in England and Wales, 519; in Scotland, 87; in Sweden, Norway and Denmark, 74; in France, 133; in North of Europe, 71; in Italy, 17; in South of Europe, 37; in British America, 206; in countries not specified, 18.

*Sex.*—Males, 13,819; females, 13,789.

### WHERE FROM TO KANSAS.

|                    |       |                     |       |                                            |     |
|--------------------|-------|---------------------|-------|--------------------------------------------|-----|
| Alabama.....       | 63    | Minnesota.....      | 87    | Virginia.....                              | 177 |
| Arkansas.....      | 376   | Mississippi.....    | 61    | West Virginia.....                         | 29  |
| California.....    | 37    | Missouri.....       | 6,344 | Wisconsin.....                             | 437 |
| Colorado.....      | 25    | Nebaska.....        | 130   | Dist. of Columbia and the Territories..... | 180 |
| Connecticut.....   | 113   | Nevada.....         | 2     | Germany.....                               | 657 |
| Delaware.....      | 4     | New Hampshire.....  | 24    | Ireland.....                               | 377 |
| Florida.....       | 17    | New Jersey.....     | 50    | England and Wales.....                     | 197 |
| Georgia.....       | 66    | New York.....       | 932   | Scotland.....                              | 3   |
| Illinois.....      | 1,496 | North Carolina..... | 21    | Sweden, Norway and Denmark.....            | 49  |
| Indiana.....       | 1,114 | Ohio.....           | 1,342 | France.....                                | 49  |
| Iowa.....          | 250   | Oregon.....         | 8     | Other North of Europe.....                 | 29  |
| Kentucky.....      | 563   | Pennsylvania.....   | 942   | Italy.....                                 | 12  |
| Louisiana.....     | 82    | Rhode Island.....   | 59    | Other South of Europe.....                 | 30  |
| Maine.....         | 44    | South Carolina..... | 15    | British America.....                       | 179 |
| Maryland.....      | 129   | Tennessee.....      | 159   |                                            |     |
| Massachusetts..... | 162   | Texas.....          | 104   |                                            |     |
| Michigan.....      | 255   | Vermont.....        | 28    |                                            |     |

Born in Kansas, 9,485; not otherwise stated, 254.

*Occupation.*—There are 2,830, or 40.3 per cent. engaged in Agriculture; 1,662, or 23.7 per cent. in Professional and Personal service; 919, or 13.1 per cent. in Trade and Transportation; 1,599, or 22.8 per cent. in Manufactures and Mining.

MAP OF LEAVENWORTH COUNTY, KANSAS, 1875.



*County Seat*—Leavenworth, the county seat, is 48 miles in an air line from Topeka, in a northeasterly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 10 per cent.; prairie, 90 per cent. Average width of bottoms, from one to one and a half miles; general surface of the country, undulating; near the Missouri river, bluffy.



*Timber.*—Average width of timber belts, from one to one and a half miles. Varieties: white oak, walnut, burr oak, cottonwood, hickory, hackberry, etc.

*Principal Streams.*—The Missouri river skirts the northeast corner of the county, flowing in a southeasterly direction. The Kansas river, flowing east, bounds the county on the south. Big Stranger flows south into the Kansas river; Little Stranger southwest into Big Stranger. Nine-mile creek flows east. There are numerous smaller streams. The county is well supplied with springs; good well water is obtained at a depth of from 15 to 25 feet.

*Coal.*—Coal underlies about 7 per cent. of the area of the county. Thickness, 28 inches; depth below surface, 50 to 700 feet; quality, good; used almost exclusively for local, domestic, and manufacturing purposes. At Leavenworth City a shaft has been sunk to the depth of 710 feet and a 30-inch vein is being mined. Dr. Tiffin Sinks states that 30,000 tons have been mined during the past year. It is sold for \$2.50 per ton. It is known as Leavenworth coal.

*Building Stone, etc.*—The whole county is underlaid with good flint blue limestone; large quantities, of an excellent quality, are quarried at the Penitentiary, near Leavenworth.

*Railroad Connections.*—The Kansas Pacific Railway crosses the county in a southwest direction from Leavenworth, joining the Kansas City line at Lawrence; stations: Stranger, Tonganoxie, Reno. The Missouri Pacific Railroad follows the south bank of the Missouri; stations: Leavenworth, Fort Leavenworth, Kickapoo. Leavenworth is one of the termini of the Chicago, Rock Island & Pacific Railroad, which crosses the Missouri on the fine new iron bridge, and connects with the Hannibal & St. Joseph Railroad at Cameron, Missouri. The Kansas City, St. Joseph & Council Bluffs Railroad follows the opposite bank of the river, with a station at East Leavenworth. The Kansas Central Railroad (narrow guage) starts from Leavenworth city, and runs in a northwest direction to Valley Falls and Holton.

*Agricultural Statistics.*—Acres in the county, 291,200; taxable acres, 284,276; under cultivation, 184,317.46; taxable acres, 47.24 per cent.: increase of cultivated acres during the year, 17,871.46.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 5,687.10  | 18.00          | 10,2368   | \$1.05 | \$107,486.40      |
| Rye.....bu.                   | 601.00    | 16.00          | 9,616     | .62    | 5,961.92          |
| Spring Wheat.....bu.          | 18.00     | 11.00          | .198      | .86    | 170.28            |
| Corn.....bu.                  | 56,848.97 | 49.00          | 2,387,637 | .30    | 716,397.10        |
| Barley.....bu.                | 81.30     | 28.00          | 2,278     | 1.25   | 2,845.00          |
| Oats.....bu.                  | 5,592.50  | 35.00          | 196,737   | .30    | 58,721.10         |
| Buckwheat.....bu.             | 607.23    | 30.00          | 18,215    | .98    | 11,902.10         |
| Potatoes, Irish.....bu.       | 2,289.37  | 100.00         | 228,937   | .35    | 8,097.25          |
| Sweet Potatoes.....bu.        | 65.87     | 160.00         | 10,539    | .80    | 8,431.20          |
| Sorghum.....gall.             | 448.62    | 110.00         | 49,348    | .50    | 24,674.00         |
| Castor Beans.....bu.          | 30.00     | 14.00          | 230       | 1.10   | 308.00            |
| Cotton.....bs.                | 8.25      | 75.00          | 944       | .08    | 19.52             |
| Flax.....bu.                  | 811.25    | 10.00          | 8,112     | 1.10   | 8,923.20          |
| Hemp.....bs.                  | 287.00    | 700.00         | 200,900   | .68    | 136,612.00        |
| Tobacco.....bs.               | 25.50     | 675.00         | 17,212    | .09    | 1,549.08          |
| Broom Corn.....bs.            | 134.75    | 745.00         | 100,389   | .08    | 891.12            |
| Millet and Hungarian.....tons | 6,267.00  | 2.75           | 17,234    | 8.00   | 137,812.00        |
| Timothy.....tons              | 2,769.00  | 1.00           | 2,769     | 8.00   | 22,096.00         |
| Clover.....tons               | 540.00    | 3.00           | 1,620     | 7.50   | 12,150.00         |
| Prairie.....tons              | 19,395.00 | 1.50           | 29,092    | 3.00   | 87,276.00         |

*Dairy Products.*—Cheese manufactured in 1870, 1,320 lbs.; in 1875, 88,150 lbs.: increase, 31,830 lbs. Butter manufactured in 1870, 254,837 lbs.; in 1875, 222,818 lbs.: decrease, 32,019.

*Farm Animals.*—Number of horses, in 1870, 4,480; in 1875, 5,884: increase 854. Mules and asses, in 1870, 689; in 1875, 1,052: increase, 363. Cattle, in 1870, 12,708; in 1875, 14,931: increase, 2,223. Sheep, in 1870, 8,406; in 1875, 1,945: decrease, 1,461. Swine, in 1870, 17,435; in 1875, 10,298: decrease, 7,137.

*Dogs.*—Number of dogs in the county, 2,071; number of sheep killed by dogs, 285; value of sheep killed by dogs, \$664.05. Number of sheep killed by wolves, 59; value of sheep killed by wolves, \$137.47.

*Horticulture.*—Acres of nurseries, 93.25; orchards, 4,004.75; vineyards, 157.66.

*Apiaculture.*—Number of stands of bees, 1,189; pounds of honey, 7,090; wax, 475.

*Fences.*—Stone, 18,973 rods; cost, \$42,689.25. Rail, 320,526 rods; cost, \$424,696.95. Board, 216,144 rods; cost, \$248,565.60. Wire, 55,500 rods; cost, \$44,400. Hedge, 144,851 rods; cost, \$72,425.50. Total rods of fence, 755,994; total cost, \$882,777.30.

*Herd Law.*—There is no herd law for cattle in this county. Hogs are restrained.

*Water Powers.*—There are a number of good powers, but very little utilized.

*Manufactures.*—Easton township, water-power flouring mill, capital \$400; steam saw mill. Stranger township, steam saw mill, capital \$400. Tonganoxie township, steam cheese factory, capital \$3,000, and steam flour mill. Leavenworth City, two steam saw mills, two steam flouring mills, two soap factories, nineteen cigar manufactories, five breweries, four brick manufactories, nine cooper shops, Great Western foundry and machine shops, two furniture factories, one planing mill, two beef and pork packing houses, iron bridge factory. Alexandria township, steam grist and saw mill.

*Banks.*—First National Bank, of Leavenworth, capital \$100,000; banking houses of Clark & Co., Insley, Shire & Co.; German Savings Bank, and the Leavenworth Savings Bank—all at Leavenworth City. The four banks named, besides the First National, employ an aggregate capital of \$84,956.

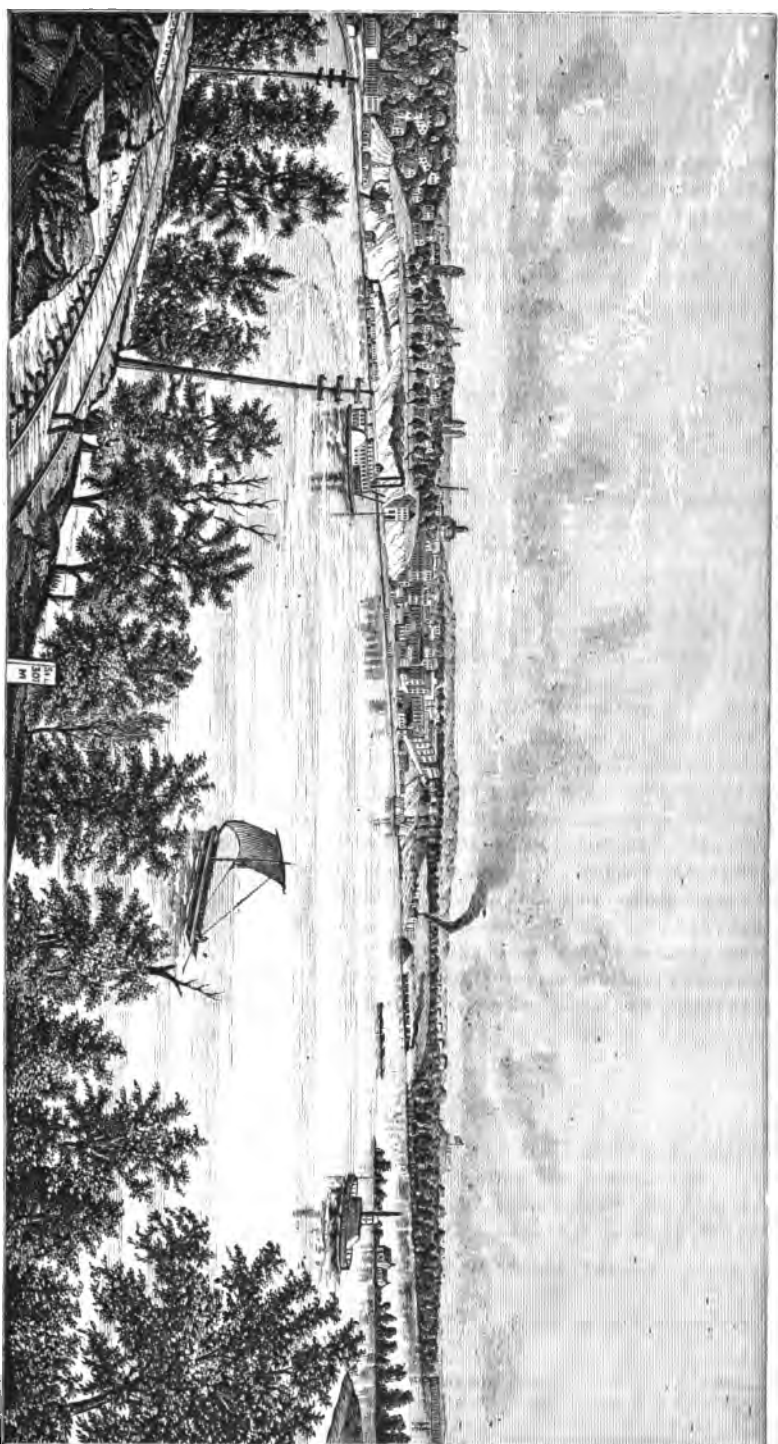
*Business Houses of Principal Town.*—City of Leavenworth: Agricultural implements and wagons, 2; books, periodicals and stationery, 2; boots and shoes, 6; clothing and tailoring, 11; confectionery, 8; carriage depositories, 3; dry goods, wholesale and retail, 11; drugs, oils and paints, 9; furniture, upholstery and carpets, 6; groceries, 10; gunsmiths, 2; hardware, 4; hats and caps, 2; jewelry, clocks, watches, etc., 4; saw mills, 2; hides and furs, 8; lumber, 4; music and musical instruments, 1; millinery, 5; merchandise (foundries), 1; queensware, 2; saddles and harness, 5; sewing machines, 8; cigar manufactories, 19; beef and pork packers, 8; stoves, tin and copper ware, 6; cooperage 9; wholesale fruit dealers, 4; brick manufactories, 4; flour mills, 2; soap factories, 2; all other mercantile pursuits not herein mentioned, 6.

*Newspapers.*—The *Times*, daily and weekly; the *Appeal*, daily evening edition; *True Banner*, weekly religious; *Medical Herald*, monthly; *Freis Presse* (German), daily and weekly; all published at Leavenworth City.

*Schools, etc.*—Organized school districts, 74; school houses, 82; value of school buildings and grounds, furniture and apparatus, \$310,210. A State Normal School, three parochial schools (Catholic), St. Mary's Academy (Catholic), and Maple Leaf Seminary, are located at Leavenworth City; a parochial school (Catholic), at Fort Leavenworth.

*Churches.*—Presbyterian: Organizations 5, membership 406, church edifices 4, valuation \$28,000. Congregational: Organizations 5, membership 358, church edifices 4, valuation \$61,100. Baptist: Organizations 10, membership 400, church edifices 4, valuation \$70,000. United Presbyterian: Organizations 8, membership





- VIEW OF LEAVENWORTH.

140, church edifices 2, valuation \$8,000. Methodist: Organizations 19, membership 637, church edifices 5, valuation \$34,200. Episcopal: Organizations 2, membership 103, church edifices 2, valuation \$30,000. Catholic: Organizations 9, membership 4,850, church edifices 6, valuation \$220,000.

The following is the church return from Leavenworth City, mainly included in the aggregates for the county, given above.

## CHURCHES IN LEAVENWORTH.

| NAME.                                         | ORGANIZED. | NUMBER OF MEMBERS. | NUMBER OF S. S. SCHOOL CHILDREN. | NUMBER OF VOLUMES IN LIBRARY. | PROPERTY VALUED AT |
|-----------------------------------------------|------------|--------------------|----------------------------------|-------------------------------|--------------------|
| Cathedral of the Immaculate Conception.....   | 1855       | 400 fam.           | 1,000                            | 1,000                         | \$172,000          |
| St. Joseph German Catho. ic.....              | 1837       | 100 fam.           | 150                              |                               | 30,000             |
| St. Paul Protestant Episcopal.....            | 1863       | 86                 | 104                              | 400                           | 14,000             |
| St. John Protestant Episcopal.....            | 1872       | 25                 | 90                               | 100                           | 6,000              |
| First Methodist Episcopal.....                | 1858       | 261                | 313                              | 370                           | 30,000             |
| Sixth Street Methodist Episcopal.....         | 1864       |                    | 100                              | 300                           | 24,000             |
| Westminster Presbyterian.....                 | 1859       | 146                |                                  |                               | 4,000              |
| Evangelical Lutheran (German).....            | 1861       | 170                |                                  |                               | 12,000             |
| Evangelical Association (German).....         | 1860       | 36                 | 70                               | 150                           |                    |
| Methodist Episcopal Church (German).....      | 1856       | 48                 | 80                               | 250                           | 20,000             |
| First Congregational.....                     | 1858       | 230                | 300                              | 650                           | 6,000              |
| First Cumberland Presbyterian.....            | 1867       | 45                 | 110                              | 150                           | 8,000              |
| First United Presbyterian.....                | 1838       | 120                | 106                              | 320                           | 25,000             |
| First Presbyterian.....                       | 1837       | 225                | 240                              | 400                           | 12,000             |
| Christian Church.....                         | 1856       | 180                | 180                              |                               | 55,000             |
| Baptist Church.....                           | 1864       | 118                | 122                              | 100                           | 5,000              |
| Fifth Mission Congregational.....             | 1866       | 40                 | 100                              | 400                           | 25,000             |
| Methodist Episcopal Church Bethel Chapel..... | 1860       | 323                | 200                              | 510                           | 600                |
| True Congregational.....                      | 1874       | 257                |                                  |                               | 1,400              |
| Mount Olivet Baptist (colored).....           | 1872       | 16                 |                                  | 30                            | 2,000              |
| Second Baptist Mount Gilead (colored).....    | 1869       |                    | 100                              |                               |                    |
| Methodist Episcopal Church (colored).....     | 1867       | 47                 |                                  |                               | 7,000              |
| Jewish Synagogue.....                         | 1859       | 42                 |                                  |                               | 3,000              |
| Leavenworth Meeting (Friends).....            | 1866       | 46                 |                                  |                               |                    |

*Libraries.*—In this county there are three public libraries, containing 2,700 volumes, and 115 private, containing 16,815 volumes.

*Lands.*—There are no unsold lands in this county.

*Miscellaneous.*—Garden produce marketed, \$27,550; poultry and eggs sold, \$12,502; pounds of wool produced 4,370.

*Wages.*—Farm laborers, with board, per month, \$13 to \$18.

The price of vacant lands range from \$7 upwards per acre.

## LINCOLN COUNTY.

Organized in 1870. Named in honor of Abraham Lincoln, the sixteenth President of the United States, and author of the Emancipation Proclamation, assassinated April 14, 1865. Square miles, 720; population to square mile, 3.46. Population in 1870, 516; population in 1875, 2,493: increase in five years, 1,977.

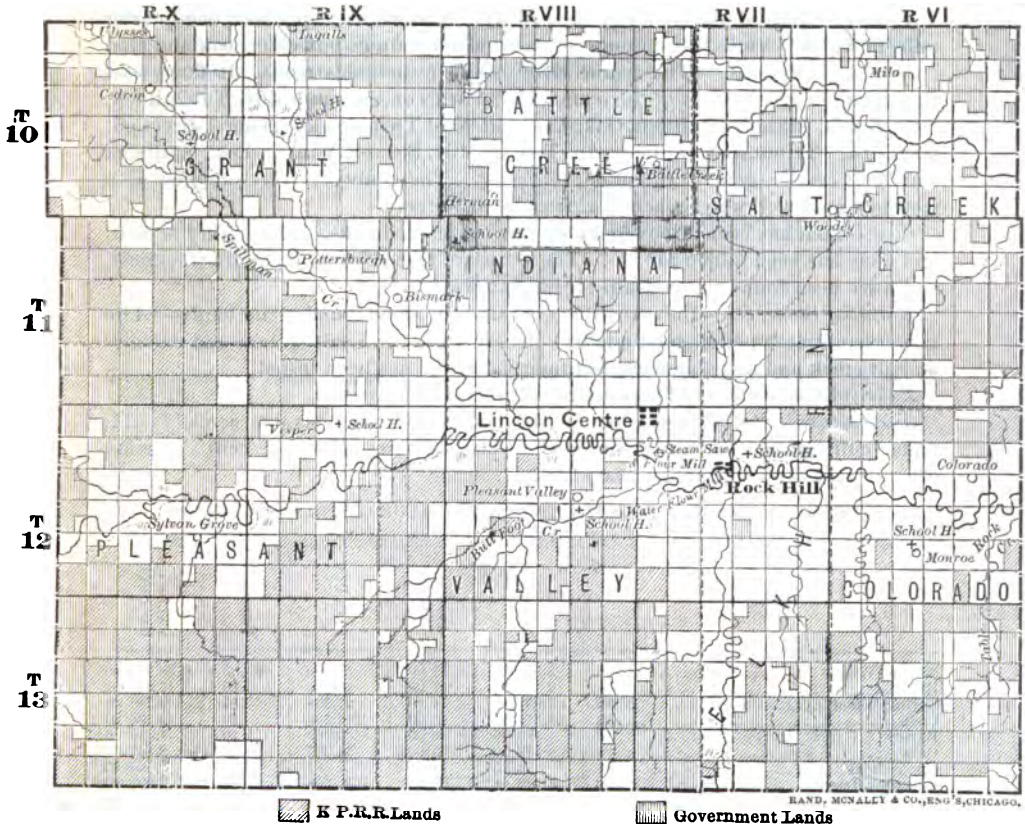
## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Colorado.....         | 274  | Elkhorn.....          | 499  | Grant.....            | 431  |
| Indiana.....          | 560  | Pleasant.....         | 252  | Salt Creek.....       | 300  |
| Valley.....           | 237  |                       |      |                       |      |

*Nativity.*—Born in the United States, 2,158; in Germany, 77; in Ireland, 71; in England and Wales, 42; in Scotland, 16; in Sweden, Norway and Denmark, 89; in France, 2; in North of Europe, 8; in South of Europe, 10; in British America, 20.

*Sex.*—Males, 1,363; females, 1,130.

MAP OF LINCOLN COUNTY, KANSAS, 1875.



## WHERE FROM TO KANSAS.

|                  |     |                     |     |                                            |    |
|------------------|-----|---------------------|-----|--------------------------------------------|----|
| Arkansas.....    | 8   | Massachusetts.....  | 24  | Virginia.....                              | 43 |
| California.....  | 9   | Michigan.....       | 70  | West Virginia.....                         | 47 |
| Colorado.....    | 11  | Minnesota.....      | 17  | Wisconsin.....                             | 52 |
| Connecticut..... | 4   | Missouri.....       | 250 | Dist. of Columbia and the Territories..... | 20 |
| Georgia.....     | 37  | Nebraska.....       | 69  | Germany.....                               | 15 |
| Illinois.....    | 310 | New Jersey.....     | 14  | Ireland.....                               | 6  |
| Indiana.....     | 286 | New York.....       | 60  | England and Wales.....                     | 6  |
| Iowa.....        | 431 | North Carolina..... | 6   | Scotland.....                              | 2  |
| Kentucky.....    | 26  | Ohio.....           | 81  | Sweden, Norway, Denmark.....               | 26 |
| Louisiana.....   | 1   | Pennsylvania.....   | 54  | South of Europe.....                       | 5  |
| Maine.....       | 1   | Tennessee.....      | 3   | British America.....                       | 2  |
| Maryland.....    | 56  | Texas.....          | 8   |                                            |    |

Born in Kansas, 433.

*Occupation.*—There are 625, or 92.5 per cent., engaged in Agriculture; 13, or 1.9 per cent., in Professional and Personal service; 7, or 1 per cent., in Trade and Transportation; 80, or 4.4 per cent., in Manufactures and Mining.

*County Seat.*—Lincoln Centre, the county seat, is 132 miles in an air line from Topeka, in a westerly direct on.

*Face of the Country.*—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, one and one-half miles; general surface of the country—the greater part undulating, but some portions are level, others bluffy.

*Timber.*—Belts of timber along the principal streams average about one-quarter mile in width. Varieties: cottonwood, ash, black walnut, box elder, oak and elm.

*Principal Streams.*—The Saline river is the principal stream. It flows east through the entire extent of the county; tributaries on the south side, Table Rock, Owl, Brush, Elkhorn, Bullfoot, Oak, East and West Twin creeks; general direction, northeast. Tributaries on the north, Twelve-Mile, Beaver, Yanger, Lost, Spillman and Wolf creeks; general direction, southeast. The county is well supplied with springs; good well water reached at from 20 to 50 feet.

*Coal.*—Coal has been discovered cropping out of the banks. The quality is poor, and none has been mined for use. The veins are from 10 to 20 inches in thickness, and have been found in township 11, range 9 west.

*Building Stone, etc.*—Inexhaustible quantities of stone found in the bluffs—white-magnesian limestone, of good quality. There are several salt springs and marshes on Salt creek and its tributaries, but their value has not been tested.

*Railroad Connections.*—There are no railroads in the county.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 44,112; under cultivation, 16,616.27; cultivated to taxable acres, 37.66 per cent.: increase of cultivated acres during the year, 1,962.27.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.     | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|--------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 3,526.25 | 17 00          | 59,946   | \$ .65 | \$ 38,964.90      |
| Rye .....                  | bu. 2,114.50 | 17 00          | 35,946   | .50    | 17,973 00         |
| Spring Wheat .....         | bu. 1,957.00 | 14 00          | 27,398   | .35    | 9,589.30          |
| Corn .....                 | bu. 5,313.25 | 40 00          | 212,530  | .20    | 42,506 00         |
| Barley .....               | bu. 190.00   | 22 00          | 3,960    | 1.10   | 4,356 00          |
| Oats .....                 | bu. 573.50   | 25 00          | 14,337   | .20    | 2,867.40          |
| Buckwheat .....            | bu. 6.25     | 14 00          | 87       | .75    | 65.25             |
| Potatoes, Irish .....      | bu. 110.08   | 95 00          | 10,458   | .20    | 2,091.60          |
| Sweet Potatoes .....       | bu. 2.80     | 130 00         | 364      | .70    | 254.80            |
| Sorghum .....              | gall. 117.77 | 105 00         | 12,366   | .40    | 4,946.40          |
| Castor Beans .....         | bu. 4.75     | 12 00          | 57       | 1.00   | 57.00             |
| Cotton .....               | lbs. .12     | 50 00          | 6        | .07    | .42               |
| Flax .....                 | bu. 42.00    | 9 00           | 378      | .90    | 340.20            |
| Hemp .....                 | bu. .25      | 500            | 125      | .55    | 68.75             |
| Tobacco .....              | lbs.         |                |          |        |                   |
| Broom Corn .....           | lbs. 23.75   | 710 00         | 16,862   | .05    | 843.10            |
| Millet and Hungarian ..... | tons 877.75  | 2.62           | 2,300    | 4.00   | 9,200 00          |
| Timothy .....              | tons .75     | 1 00           | 1        | 6.00   | 6 00              |
| Clover .....               | tons 200.00  | 2.50           | 5        | 5.75   | 28.75             |
| Prairie .....              | tons         |                |          |        |                   |

*Dairy Products.*—Cheese manufactured in 1875, 85 lbs. Butter manufactured in 1870, 1,950 lbs.; in 1875, 74,369 lbs.: increase, 72,419 lbs.

*Farm Animals.*—Number of horses, in 1870, 130; in 1875, 1,099: increase, 969. Males and asses, in 1870, 11; in 1875, 95: increase, 84. Cattle, in 1870, 838; in 1875, 5,080: increase, 4,242. Sheep, in 1870, 22; in 1875, 1,576: increase, 1,554. Swine, in 1870, 135; in 1875, 741: increase, 606.

*Dogs.*—Number of dogs in the county, 518; number of sheep killed by wolves, 11; value of sheep killed by wolves, \$25.63.

*Horticulture.*—Acres of nurseries, 2.50; orchards, 44.86; vineyards, 1.50.

*Fences.*—Stone, 1,576 rods; cost, \$2,955. Rail, 10,776 rods; cost, \$15,625.20. Board, 2,086 rods; cost, \$2,920.40. Wire, 1,400 rods; cost, \$1,085. Hedge, 562 rods; cost, 309.10. Total rods of fence, 16,400; total cost, \$22,894.70.

*Water Powers.*—The Saline river furnishes good powers. Two mills are in operation, and a number of good mill seats are improved.

*Manufactures.*—Rocky Hill, water-power saw and grist mill. Indiana township, saw and grist mill, and saw mill. Grant township, steam saw mill.

*Banks.*—None in the county.

*Newspapers.*—The *Saline Valley Register*, published weekly, at Lincoln Centre.

*Schools, etc.*—Organized school districts, 32; school houses, 17; value of school buildings and grounds, furniture and apparatus, \$12,149.

*Churches.*—Presbyterian: Organizations 1, membership 6, church property \$1,500. Baptist: Organizations 3, membership 75. Methodist: Organizations 6, membership 60. Catholic: Organizations 2, membership 70.

*Libraries.*—No report made.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$406.50; poultry and eggs sold, \$2,591; pounds of wool produced, 13,870.

The prices of vacant land range from \$1.25 to \$4.50 per acre.

## LINN COUNTY.

Organized in 1855. Named in honor of Lewis F. Linn, a distinguished United States Senator, from Missouri, who died in 1843, while a member of the Senate. Square miles, 637; population to square mile, 18.79. Population in 1860, 6,336; in 1870, 12,174: increase in ten years, 5,838. Population in 1875, 11,974: decrease in five years, 200; increase in fifteen years, 5,638.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Blue Mound.....       | 523   | Centreville.....      | 1,068 | Liberty.....          | 660   |
| Lincoln.....          | 1,661 | Mound City.....       | 1,323 | Paris.....            | 1,287 |
| Potosi.....           | 1,862 | Scott.....            | 1,245 | Sheridan.....         | 873   |
| Stanton.....          | 520   | Valley.....           | 932   | .....                 | ..... |

*Nativity.*—Born in the United States, 11,587; in Germany, 99; in Ireland, 89; in England and Wales, 98; in Scotland, 12; in Sweden, Norway and Denmark, 23; in France, 6; in North of Europe, 2; in South of Europe, 7; in British America, 49; in countries not specified, 3.

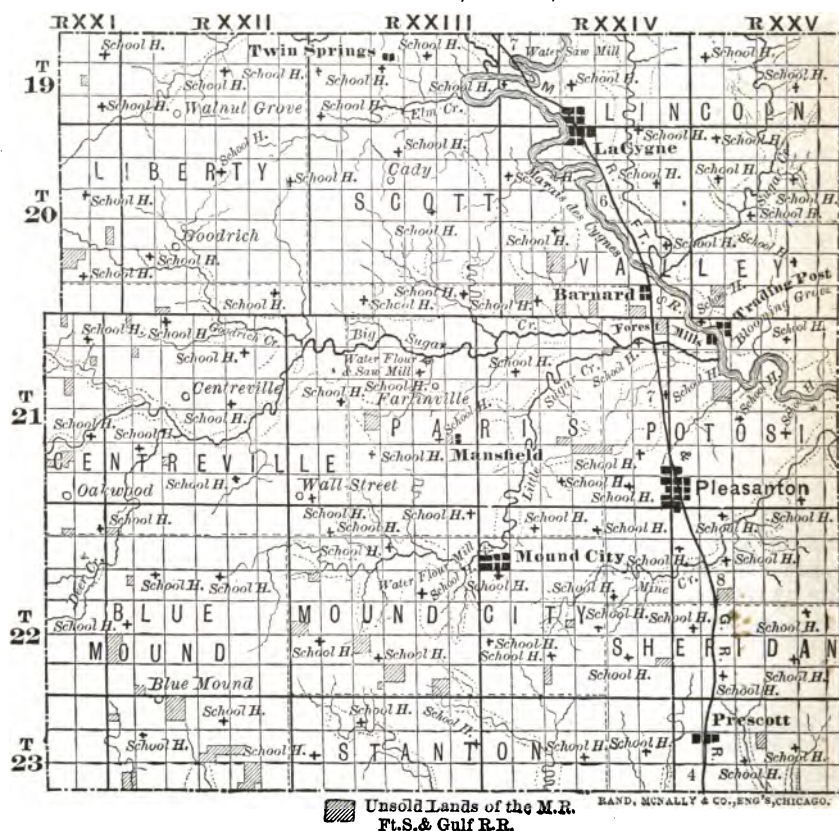
*Sex.*—Males, 6,190; females, 5,784.



## WHERE FROM TO KANSAS.

|                     |       |                      |       |                                             |     |
|---------------------|-------|----------------------|-------|---------------------------------------------|-----|
| Arkansas .....      | 205   | Minnesota .....      | 21    | Virginia .....                              | 47  |
| California .....    | 10    | Mississippi .....    | 6     | West Virginia .....                         | 6   |
| Colorado .....      | 13    | Missouri .....       | 2,044 | Wisconsin .....                             | 206 |
| Connecticut .....   | 11    | Nebraska .....       | 24    | Dist. of Columbia and the Territories ..... | 50  |
| Florida .....       | 1     | Nevada .....         | 3     | Germany .....                               | 5   |
| Georgia .....       | 8     | New Hampshire .....  | 11    | Ireland .....                               | 5   |
| Illinois .....      | 2,390 | New Jersey .....     | 190   | England and Wales .....                     | 23  |
| Indiana .....       | 811   | North Carolina ..... | 13    | Scotland .....                              | 1   |
| Iowa .....          | 891   | Ohio .....           | 603   | Sweden, Norway and Denmark .....            | 13  |
| Kentucky .....      | 207   | Oregon .....         | 1     | South of Europe .....                       | 1   |
| Louisiana .....     | 19    | Pennsylvania .....   | 144   | British America .....                       | 10  |
| Maine .....         | 2     | Tennessee .....      | 47    |                                             |     |
| Maryland .....      | 2     | Texas .....          | 44    |                                             |     |
| Massachusetts ..... | 20    | Vermont .....        | 11    |                                             |     |
| Michigan .....      | 62    |                      |       |                                             |     |

MAP OF LINN COUNTY, KANSAS, 1875.



Born in Kansas, 3,796; not otherwise stated, 69.

*Occupation.*—There are 2,038, or 71.6 per cent., engaged in Agriculture; 394, or 13.8 per cent., in Professional and Personal service; 134, or 4.7 per cent., in Trade and Transportation; 278, or 9.7 per cent., in Manufactures and Mining.

*County Seat.*—Mound City. Pleasanton is 80 miles in an air line from Topeka, in a southeasterly direction. Mound City is 78 miles in an air line from Topeka, in a southeasterly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 10 per cent.; prairie, 90 per cent.; general surface of the country, undulating.

*Timber.*—This county is comparatively well timbered, but the width of belts and varieties of wood are not returned.

*Principal Streams.*—Marais des Cygnes, flowing southeast. Middle creek, east. Big and Little Sugar creeks, east. East creek, south. Middle creek, south. Lost creek, east. Mill creek, east. The county is well supplied with springs; good well water reached at an average depth of 20 feet.

*Coal.*—Coal crops out of nearly all the hills and streams in the east part of the county. A shaft has been sunk at Barnard to the depth of 90 feet, and a three and one-half foot vein struck, and is being mined with profit.

*Building Stone, etc.*—Good stone is found in large quantities; the Barnard sandstone is held in high repute.

*Railroad Connections.*—The Missouri River, Fort Scott & Gulf Railroad traverses the eastern portion of the county from north to south; direction a little east of south. Principal stations; La Cygne, Barnard and Pleasanton.

*Agricultural Statistics.*—Acres in the county, 407,680; taxable acres, 364,880; under cultivation, 105,789.08; cultivated to taxable acres, 29.03 per cent.: increase of cultivated acres during the year, 10,883.08.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.       | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|----------------------------|----------------|----------------|-----------|--------|-------------------|
| Winter Wheat .....         | bu. 739.60     | 16.00          | 11,834    | \$ .97 | \$ 11,478.98      |
| Rye .....                  | bu. 57.00      | 16.00          | 912       | .60    | 547.20            |
| Spring Wheat .....         | bu. 13.00      | 8.00           | 104       | .75    | 78.00             |
| Corn .....                 | bu. 65,791.00  | 41.00          | 2,697,431 | .25    | 674,357.75        |
| Barley .....               | bu. ....       | ...            | ...       | ...    | ...               |
| Oats .....                 | bu. 1,407.60   | 28.00          | 39,413    | .25    | 9,853.25          |
| Buckwheat .....            | bu. 295.50     | 18.00          | 5,319     | .90    | 4,787.10          |
| Potatoes, Irish .....      | bu. 536.00     | 75.00          | 40,300    | .35    | 14,070.00         |
| Sweet Potatoes .....       | bu. 13.63      | 150.00         | 2,044     | .75    | 1,533.00          |
| Sorghum .....              | bu. 810.00     | 100.00         | 81,000    | .53    | 42,930.00         |
| Castor Beans .....         | bu. 945.00     | 14.00          | 13,230    | 1.05   | 13,691.50         |
| Cotton .....               | bu. 3.50       | 100.00         | 350       | .08    | 28.00             |
| Flax .....                 | bu. 84.00      | 9.00           | 756       | 1.06   | 801.36            |
| Hemp .....                 | bu. ....       | ...            | ...       | ...    | ...               |
| Tobacco .....              | bu. 7.25       | 600.00         | 4,350     | .08    | 348.00            |
| Broom Corn .....           | bu. 101.00     | 700.00         | 70,700    | .06    | 4,242.00          |
| Millet and Hungarian ..... | tons 1,183.00  | 2.50           | 2,957     | 5.00   | 14,785.00         |
| Timothy .....              | tons 761.00    | 1.00           | 761       | 6.00   | 4,566.00          |
| Clover .....               | tons 272.00    | 2.50           | 680       | 5.75   | 3,910.00          |
| Prairie .....              | tons 19,154.00 | 1.25           | 23,942    | 3.75   | 89,782.50         |

*Dairy Products.*—Cheese manufactured in 1870, 2,760 lbs.; in 1875, 40,555 lbs.: increase, 37,795 lbs. Butter manufactured in 1870, 233,214 lbs.; in 1875, 189,081 lbs.: decrease, 44,133 lbs.

*Farm Animals.*—Number of horses in 1870, 5,362; in 1875, 3,720: decrease, 1,642. Mules and asses in 1870, 476; in 1875, 500: increase, 24. Cattle in 1870, 12,341; in 1875, 16,277: increase, 3,936. Sheep in 1870, 8,483; in 1875, 2,821: decrease, 5,662. Swine in 1870, 9,432; in 1875, 6,131: increase, 3,301.

*Dogs.*—Number of dogs in the county, 1,584; number of sheep killed by dogs, 455; value of sheep killed by dogs, \$1,060.15. Number of sheep killed by wolves, 68; value of sheep killed by wolves, 158.44.

*Horticulture.*—Acres of nurseries, 67; orchards, 3,685; vineyards, 26.50.

*Apiaculture.*—Number of stands of bees, 440; pounds of honey, 455; wax, 215.

*Fences.*—Stone, 22,750 rods; cost, \$57,443.75. Rail, 416,289 rods; cost, \$551,582.92.

Board, 25,107 rods; cost, \$28,873.05. Wire, 46,400 rods; cost, \$30,160. Hedge, 184,157 rods; cost, \$87,474.57. Total rods of fence, 694,703; total cost, \$755,534.29.

*Herd Law.*—Herd law not in force.

*Water Powers.*—There are good water powers. Several mills are in operation.

*Manufactures.*—Scott township, furniture factory, soap factory, wind-power grist and saw mill, hoop factory, two steam saw mills. Valley township, two water-power saw and grist mills. Mound City, furniture factory, planing mill, cheese factory, wagon and carriage factory, grist mill. Pleasanton, two grist mills and grist and saw mill.

*Banks.*—Banking House of Hood & Kincaid, Pleasanton; Pratt & Moore, La-Cygne; Farmers' Bank of La Cygne. These banks have an aggregate capital of \$23,240.

*Business Houses of Principal Town.*—Mound City: Agricultural implements and wagons, 1; books, periodicals, and stationery, 1; boots and shoes, 4; clothing, 3; confectionery, 2; dry goods, 3; drugs, oils, and paints, 2; groceries, 2; hardware, 1; hats and caps, 4; jewelry, clocks, watches, etc., 1; lumber, 1; millinery, 1; queens-ware, 2; saddles and harness, 1.

*Newspapers.*—The *La Cygne Journal*, *Pleasanton Observer*, *Mound City Enterprise* and *Linn County Clarion*, published weekly.

*Schools, etc.*—Organized school districts 95, school houses 88, value of school buildings and grounds, furniture and apparatus \$85,588.

*Churches.*—Presbyterian: Organizations 5, membership 65, church edifices 3, valuation \$6,200. Congregational: Organizations 1, membership 18, church edifices 1, valuation \$2,500. Baptist: Organizations 8, membership 406, church edifices 3, valuation \$6,300. Methodist: Organizations 19, membership 720, church edifices 4, valuation \$6,500. Episcopal: Membership 6. Catholic: Organizations 3, membership 95. Universalist: Organization 1, membership 30.

*Libraries.*—One public library and 54 private libraries are reported from six townships, the aggregate volumes being 5,357.

*Lands.*—Unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$779; poultry and eggs sold, \$2,628; pounds of wool produced 8,236.

*Wages.*—Farm laborers, with board, per month, \$14 to \$16; laborers in cities or on public improvements, \$1 to \$1.50 per day; carpenters, \$2 to \$4; bricklayers and stonemasons, \$2 to \$4; house painters, \$2 to \$4; wagon makers, \$2 to \$4; blacksmiths, \$3 to \$5; shoemakers, \$2 to \$3; harness makers, \$2 to \$3; clerks, \$30 to \$50 per month; tanners, \$2 to \$4.

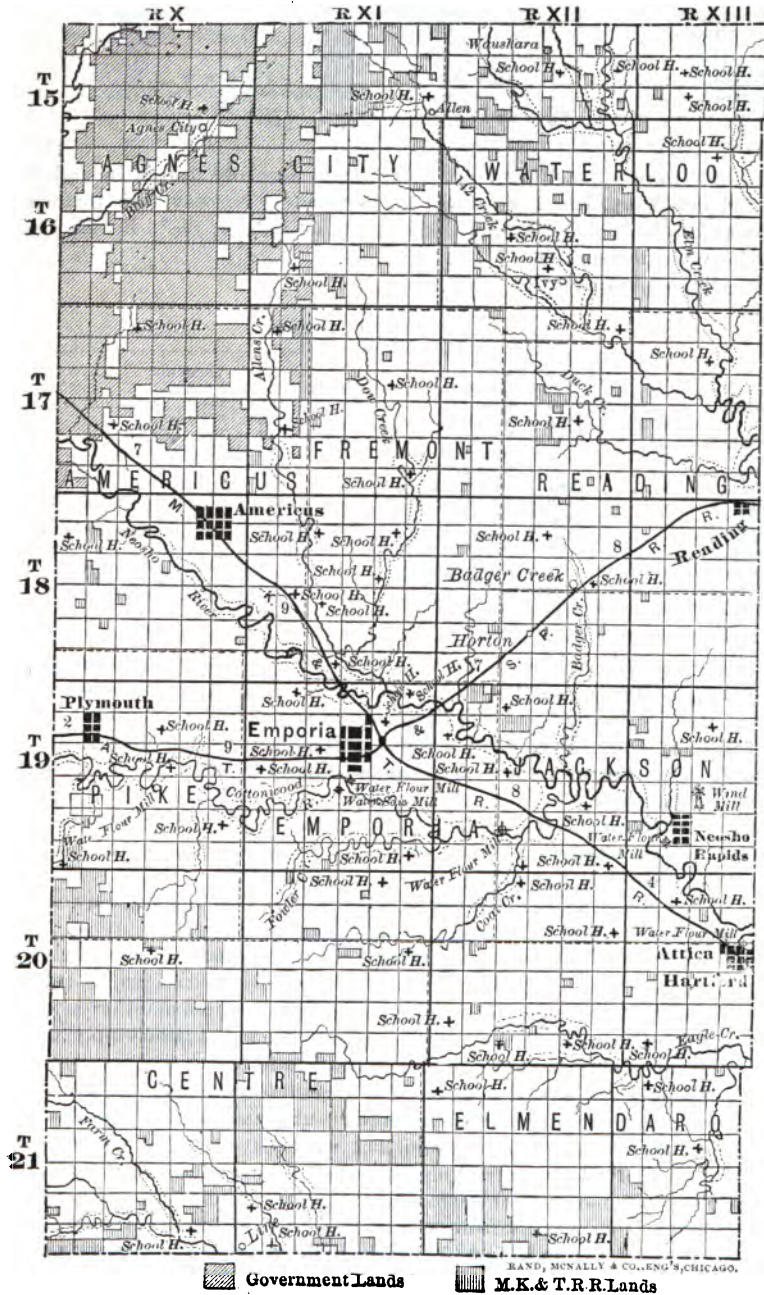
The prices of vacant land range from \$2 to \$5 per acre.

## LYON COUNTY.

Organized in 1858. Named in honor of Gen. Nathaniel Lyon, who was killed while in command of the Union army at the battle of Wilson's Creek, Missouri, August 10th, 1861. The county had been first named Breckenridge, in honor of Vice-President Breckenridge. The name was changed in 1862. Square miles, 858; population to square mile, 11.12. Population in 1860, 3,515; in 1870, 8,014: increase in ten years, 4,499; population in 1875, 9,542: increase in five years, 1,528: increase in fifteen years, 6,027.



MAP OF LYON COUNTY, KANSAS, 1876.



## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Agnes City.....       | 274  | Americus.....         | 1,103 | Centre.....           | 444   |
| Elmendaro.....        | 774  | Emporia.....          | 1,485 | Emporia City.....     | 2,194 |
| Fremont.....          | 660  | Jackson.....          | 1,018 | Pike.....             | 710   |
| Reading.....          | 347  | Waterloo.....         | 533   |                       |       |

*Nativity.*—Born in the United States, 8,515; in Germany, 124; in Ireland, 106; in England and Wales, 529; in Scotland, 50; in Sweden, Norway, and Denmark, 69; in France, 87; in North of Europe, 15; in South of Europe, 19; in British America, 71; in countries not specified, 7.

*Sex.*—Males 4,985; females, 4,557.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                                            |     |
|--------------------|-------|---------------------|-----|--------------------------------------------|-----|
| Alabama.....       | 24    | Minnesota.....      | 73  | Vermont.....                               | 23  |
| Arkansas.....      | 39    | Mississippi.....    | 11  | Virginia.....                              | 64  |
| California.....    | 29    | Missouri.....       | 505 | West Virginia.....                         | 26  |
| Colorado.....      | 81    | Nebraska.....       | 13  | Wisconsin.....                             | 253 |
| Connecticut.....   | 16    | Nevada.....         | 4   | Dist. of Columbia and the Territories..... | 28  |
| Delaware.....      | 4     | New Hampshire.....  | 13  | Germany.....                               | 23  |
| Georgia.....       | 2     | New Jersey.....     | 13  | Ireland.....                               | 34  |
| Illinois.....      | 1,664 | New York.....       | 334 | England and Wales.....                     | 201 |
| Indiana.....       | 1,038 | North Carolina..... | 139 | Scotland.....                              | 1   |
| Iowa.....          | 686   | Ohio.....           | 837 | Sweden, Norway and Denmark.....            | 37  |
| Kentucky.....      | 87    | Oregon.....         | 4   | France.....                                | 27  |
| Louisiana.....     | 1     | Pennsylvania.....   | 338 | Other South of Europe.....                 | 9   |
| Maine.....         | 9     | Rhode Island.....   | 6   | British America.....                       | 24  |
| Maryland.....      | 5     | South Carolina..... | 4   |                                            |     |
| Massachusetts..... | 49    | Tennessee.....      | 194 |                                            |     |
| Michigan.....      | 227   | Texas.....          | 51  |                                            |     |

Born in Kansas, 2,295; not otherwise stated, 67.

*Occupation.*—There are 1,779, or 67.6 per cent., engaged in Agriculture; 342, or 12.9 per cent., in Professional and Personal service; 234, or 8.8 per cent., in Trade and Transportation; 276, or 10.4 per cent., in Manufactures and Mining.

*County Seat.*—Emporia, the county seat, is 52 miles in an air line from Topeka, in a southerly direction.

*Face of the Country.*—Bottom lands, 15 per cent.; upland, 85 per cent.; forest, 8 per cent.; prairie, 92 per cent. The width of bottoms varies from one-half mile to four miles; general surface of the country, undulating.

*Timber.*—Average width of timber belts one mile. Varieties: cottonwood, hackberry, oak, walnut, burr oak, hickory, coffee bean, mulberry.

*Principal Streams.*—The Neosho river, with its tributaries, Eagle, Allen, Dow, Rock, Badger, Plum, Coal, Dry creeks. Cottonwood river with its tributaries, Jacobs, Phenix, Fowler and Moon. Elm creek, One Hundred and Forty-two creek, North and South branches of the Verdigris river. There is a good supply of springs, and well water is obtained at a depth of from 20 to 25 feet.

*Coal.*—Some coal has been discovered in the northeastern and southwestern portions of the county; it crops out of the creek banks, and the thickness is said to be from one to two feet; quality, medium, but we believe none of consequence has been mined. E. P. Bancroft, of Emporia, reports that coal has been mined during the past year to the amount of 450 tons in township 19, range 13, and township 20, range 11 east. It is in veins from ten to sixteen inches in thickness and near the surface. It sells for from \$2 to \$2.50 per ton, and is known, according to locality, as Neosho Rapids and Eagle Creek strip coal. Several other similar veins are found in different parts of the county, but none are worked to any extent.

*Building Stone, etc.*—The county has an abundance of blue and white limestone conveniently distributed.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad traverses the centre of the county in a direction a little south of west. Principal stations: Emporia and Plymouth. The Missouri, Kansas & Texas Railroad traverses the county in a southeasterly direction, entering near the northwest and passing out near the southeast corner. Principal stations: Americus, Emporia and Hartford.

*Agricultural Statistics.*—Acres in the county, 549,120; taxable acres, 446,051; under cultivation, 75,119.23; cultivated to taxable acres, 16.84 per cent.: increase of cultivated acres during the year, 12,075.23.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE.  | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|---------|-------------------|
| Winter Wheat.....bu.          | 7,482.00  | 20.00          | 149,640   | \$ 1.00 | \$149,640.00      |
| Rye.....bu.                   | 993.00    | 21.00          | 20,853    | .62     | 12,928.86         |
| Spring Wheat.....bu.          | 1,429.00  | 14.00          | 20,006    | .90     | 18,048.80         |
| Corn.....bu.                  | 27,355.00 | 42.00          | 1,149,036 | .25     | 287,259.00        |
| Barley.....bu.                | 49.00     | 30.00          | 1,470     | 1.25    | 1,837.50          |
| Oats.....bu.                  | 8,755.00  | 34.00          | 297,670   | .25     | 74,417.50         |
| Buckwheat.....bu.             | 17.00     | 20.00          | 340       | .95     | 323.00            |
| Potatoes, Irish.....bu.       | 752.50    | 120.00         | 90,300    | .90     | 27,090.00         |
| Sweet Potatoes.....bu.        | 71.74     | 160.00         | 11,478    | .80     | 9,182.40          |
| Sorghum.....gall.             | 239.00    | 125.00         | 29,875    | .45     | 13,443.75         |
| Castor Beans.....bu.          | 68.50     | 15.00          | 952       | 1.10    | 1,047.20          |
| Cotton.....lbs.               | .87       | 100.00         | 87        | .08     | 696.00            |
| Flax.....bu.                  | 768.00    | 10.00          | 7,680     | 1.10    | 8,393.00          |
| Hemp.....lbs.                 |           |                |           |         |                   |
| Tobacco.....lbs.              | 4.12      | 700.00         | 2,884     | .08     | 230.72            |
| Broom Corn.....lbs.           | 45.00     | 810.00         | 36,450    | .08     | 2,916.00          |
| Millet and Hungarian.....tons | 1,719.00  | 2.75           | 4,727     | 5.00    | 23,635.00         |
| Timothy.....tons              | 137.00    | 1.25           | 171       | 7.00    | 1,197.00          |
| Clover.....tons               | 156.00    | 3.00           | 468       | 6.50    | 3,042.00          |
| Prairie.....tons              | 15,937.00 | 1.50           | 23,905    | 3.75    | 89,643.75         |

*Dairy Products.*—Cheese manufactured in 1870, 16,930 lbs.; in 1875, 47,020 lbs.: increase, 30,090 lbs. Butter manufactured in 1870, 129,120 lbs.; in 1875, 165,326 lbs.: increase, 36,206 lbs.

*Farm Animals.*—Number of horses, in 1870, 3,108; in 1875, 5,000: increase, 1,892. Mules and asses, in 1870, 169; in 1875, 258: increase, 89. Cattle, in 1870, 12,171; in 1875, 21,763: increase, 9,592. Sheep, in 1870, 3,214; in 1875, 1,674: decrease, 1,540. Swine, in 1870, 2,655; in 1875, 2,829: increase, 174.

*Dogs.*—Number of dogs in the county, 1,453; number of sheep killed by dogs, 37; value of sheep killed by dogs, \$86.21. Number of sheep killed by wolves, 17; value of sheep killed by wolves, \$39.61.

*Horticulture.*—Acres of nurseries, 42; orchards, 2,389; vineyards, 36.12.

*Apiaculture.*—Number of stands of bees, 319; pounds of honey, 334; wax, 13.

*Fences.*—Stone, 4,237 rods; cost, \$10,592.50. Rail, 162,407 rods; cost, \$223,309.62. Board, 82,570 rods; cost \$109,405.25. Wire, 24,900 rods; cost, 8,675. Hedge, 84,999 rods; cost, \$44,624.47. Total rods of fence, 359,113; total cost, \$396,606.84.

*Water Powers.*—There are good powers on the Neosho and Cottonwood.

*Manufactures.*—Emporia, two water-power flouring mills and one steam flouring mill, combined capital \$50,000; two water-power saw mills and two steam saw mills, combined capital \$10,000; steam-power foundry, capital \$7,000; water-power furniture manufactory, capital \$10,000; steam soap factory, capital \$1,000; carriage manufactory, capital \$5,000; cigar manufactory, brick factory and brewery. Americus, steam flouring and saw mill, capital \$10,000; cheese factory. Centre

township, steam saw mill, capital \$2,500. Elmendaro township, steam saw mill, capital \$2,500; steam saw and flouring mill, capital \$2,500; water-power flouring mill, capital \$20,000. Jackson township, two water-power flouring mills and wind-power flouring mill and carding machine, combined capital \$20,000. Pike township, water-power flouring mill, capital \$20,000; steam saw mill, capital \$2,500. Waterloo township, steam saw mill, capital \$5,000.

*Banks.*—First National Bank of Emporia, capital \$100,000; Emporia National Bank, capital \$85,000; banking house of Dunlap, Howard & Co., Emporia.

*Newspapers.*—The *Emporia News*, *Emporia Ledger* and *Patrons' Gleaner*, published weekly.

*Schools, etc.*—Organized school districts, 76; school houses, 80; value of school buildings and grounds, furniture and apparatus, \$74,669. The State Normal School is located at Emporia.

*Churches.*—Presbyterian: Organizations 6, membership 200, church edifices 2, valuation, \$13,500. Congregational: Organizations 4, membership 217, church edifices 2, valuation \$5,500. Baptist: Organizations 4, membership 120, church edifices 1, valuation \$3,000. United Presbyterian: Organizations 3, membership 115, church edifices 1, valuation \$6,000. Methodist: Organizations 15, membership 434, church edifices 2, valuation \$7,000. Episcopal: Organizations 1, membership 29, church edifices 1, valuation \$4,000. Catholic: Organizations 5, membership 350, church edifices 2, valuation \$2,500. Lutheran: Organizations 3, membership 61. There are also several churches maintained by the society of Friends, and four Welsh churches. Meetings of the denomination of Christians are held in the school houses in various parts of the county.

*Libraries.*—In six townships there are two public libraries, with 1,900 volumes reported, and 159 private, containing 18,470 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$7,640; poultry and eggs sold, \$3,615.50; pounds of wool produced, 7,054.

The prices of vacant land range from \$2.50 to \$7.

## MARION COUNTY.

Organized in 1865. Named in honor of General Francis Marion, of the revolutionary army. The county was first established in 1855, and re-established in 1860. Square miles, 954; population to square mile, 6.19. Population in 1860, 74; in 1870, 768; increase in ten years, 694; population in 1875, 5,907; increase in five years, 5,139; increase in fifteen years, 5,833.

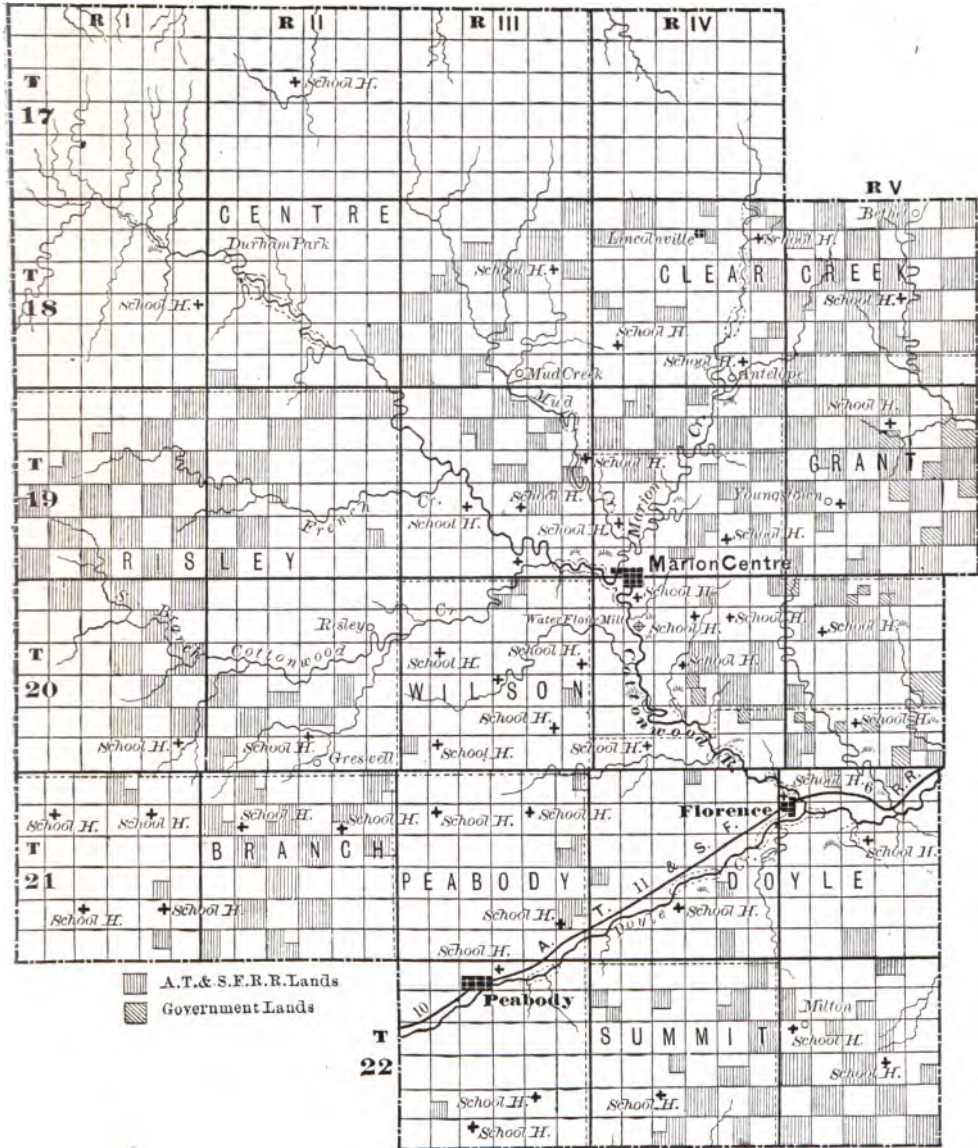
POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Branch.....           | 700   | Centre.....           | 1,107 | Clear Creek.....      | 345   |
| Doyle.....            | 1,288 | Grant.....            | 328   | Peabody.....          | 1,078 |
| Risley.....           | 508   | Summit.....           | 264   | Wilson.....           | 394   |

*Nativity.*—Born in the United States, 3,933; in Germany, 178; in Ireland, 46; in England and Wales, 100; in Scotland, 16; in Sweden, Norway and Denmark, 581;



MAP OF MARION COUNTY, KANSAS, 1875.



in France, 27; in North of Europe, 4; in Italy, 1; in South of Europe, 1,429; in British America, 113; in countries not specified, 1.

Sex.—Males, 3,213; females, 2,694.

## WHERE FROM TO KANSAS.

|                    |     |                     |     |                            |       |
|--------------------|-----|---------------------|-----|----------------------------|-------|
| Alabama.....       | 2   | Minnesota.....      | 46  | Wisconsin.....             | 205   |
| Arkansas.....      | 11  | Mississippi.....    | 4   | Dist. of Columbia and the  |       |
| California.....    | 13  | Missouri.....       | 198 | Territories.....           | 15    |
| Colorado.....      | 8   | Nebraska.....       | 26  | Germany.....               | 26    |
| Connecticut.....   | 2   | Nevada.....         |     | Ireland.....               | 6     |
| Delaware.....      |     | New Hampshire.....  | 4   | England and Wales.....     | 16    |
| Georgia.....       | 6   | New Jersey.....     | 8   | Scotland.....              | 8     |
| Illinois.....      | 819 | New York.....       | 84  | Sweden, Norway and Den-    |       |
| Indiana.....       | 247 | Ohio.....           | 278 | mark.....                  | 30    |
| Iowa.....          | 404 | Pennsylvania.....   | 125 | France.....                | 8     |
| Kentucky.....      | 172 | South Carolina..... | 1   | Other North of Europe..... |       |
| Louisiana.....     | 4   | Tennessee.....      | 14  | Italy.....                 | 1     |
| Maine.....         | 7   | Texas.....          | 5   | Other South of Europe..... | 1,385 |
| Maryland.....      | 29  | Vermont.....        | 6   | British America.....       | 31    |
| Massachusetts..... | 11  | Virginia.....       | 20  |                            |       |
| Michigan.....      | 164 | West Virginia.....  | 19  |                            |       |

Born in Kansas, 751; not otherwise stated, 698.

*Occupation.*—There are 1,232, or 79.6 per cent., engaged in Agriculture; 77, or 4.9 per cent., in Professional and Personal service; 63, or 4 per cent., in Trade and Transportation; 175, or 11.3 per cent., in Manufactures and Mining.

*County Seat.*—Marion Centre, the county seat, is 87 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 16 per cent.; upland, 84 per cent.; forest, 2 per cent.; prairie, 98 per cent. Average width of bottoms, one mile; general surface of the country, gently undulating.

*Timber.*—Average width of timber belts, one-quarter of a mile. Varieties: cottonwood, hackberry, elm, oak, hickory, walnut, box-elder and sycamore.

*Principal Streams.*—The principal streams and their courses are: Cottonwood, northwest to southeast; Doyle creek, southwest to northeast; South Fork of Cottonwood, west to east; French creek, west to east; Clear creek, northeast to southwest; Middle creek, northwest to southeast; Brunot creek, northwest to southeast; Martin creek, northwest to southeast; Muddy creek, northwest to southeast. Springs are abundant; and good well water is obtained at a depth of from 15 to 50 feet.

*Coal.*—Indications of coal have been discovered, but none of consequence has been developed.

*Building Stone, etc.*—Magnesian limestone, of white and cream colors, is found in unlimited quantities, cropping out of the edges of the bluffs and banks of the streams. Hydraulic cement, mineral paint, fire and pottery clay are stated to exist in large quantities, but the discoveries do not seem to have been utilized. Gypsum is also reported to abound in Doyle, South Cottonwood and French creeks.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad runs through the southeastern part of the county, in a southwesterly direction. Principal stations, Florence and Peabody.

*Agricultural Statistics.*—Acres in the county, 610,560; taxable acres, 493,806; under cultivation, 34,884.76; cultivated to taxable acres, 7.06 per cent.: increase of cultivated acres during the year, 10,204.76.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 19,101.00 | 29.00          | 553,929  | \$1.00 | \$553,929.00      |
| Rye.....bu.                   | 207.50    | 21.00          | 4,357    | .60    | 2,614.20          |
| Spring Wheat.....bu.          | 1,581.25  | 14.00          | 22,137   | .75    | 16,602.75         |
| Corn.....bu.                  | 10,942.87 | 42.00          | 459,601  | .37½   | 172,162.87        |
| Barley.....bu.                | 628.22    | 28.00          | 17,598   | 1.25   | 21,997.50         |
| Oats.....bu.                  | 4,975.50  | 40.00          | 199,020  | .37½   | 74,730.50         |
| Buckwheat.....bu.             | 5.50      | 20.00          | 110      | .95    | 104.50            |
| Potatoes, Irish.....bu.       | 371.14    | 100.00         | 37,114   | .37½   | 13,967.75         |
| Sweet Potatoes.....bu.        | 6.20      | 160.00         | 992      | 1.00   | 992.00            |
| Sorghum.....gall.             | 89.39     | 120.00         | 9,327    | .50    | 4,663.50          |
| Cotton.....bs.                | 1.25      | 75.00          | 94       | .07    | 6.58              |
| Flax.....bu.                  | 20.53     | 10.00          | 205      | 1.00   | 205.00            |
| Broom Corn.....bs.            | 18.81     | 775.00         | 14,190   | .05    | 709.50            |
| Millet and Hungarian.....tons | 94.75     | 2.50           | 237      | 4.75   | 1,125.75          |
| Timothy.....tons              | 3.00      | 1.25           | 4        | 5.50   | 22.00             |
| Prairie.....tons              | 211.00    | 1.50           | 316      | 3.00   | 948.00            |

## EXTRAORDINARY YIELD.—Statement of Colonel R. C. Bates, of Marion Centre:

*Winter Wheat.* I raised five varieties of wheat the past season. The best yield was the Lancaster, 45 bushels per acre. I had 12 acres of Gipsy wheat, which averaged 37 bushels per acre. This latter variety is a bearded white chaff. I drilled it in on black loam bottom land, which had been in cultivation five to six years. I plant corn and small grain alternately. I drilled this wheat in on the 15th day of September, and harvested the crop on the 20th day of June. The total cost per acre was as follows:

|                        |        |
|------------------------|--------|
| Plowing, per acre..... | \$1.50 |
| Seed.....              | 1.50   |
| Drilling.....          | .50    |
| Harvesting.....        | 2.25   |
| Threshing.....         | 3.70   |
| Total cost.....        | \$9.45 |

I regard this as a superior variety of wheat for this soil and climate, and I prefer drilling in grain to broadcast sowing. I gave it a fair trial last year. My neighbor sowed the same seed on the same soil, and harvested 25 bushels, while I harvested 37 bushels.

*Dairy Products.*—Cheese manufactured in 1870, 340 lbs.; in 1875, 2,220 lbs.: increase, 1,880 lbs. Butter manufactured in 1870, 12,745 lbs.; in 1875, 49,428 lbs.: increase, 36,683 lbs.

*Farm Animals.*—Number of horses, in 1870, 407; in 1875, 1,892: increase, 1,485. Mules and asses, in 1870, 16; in 1875, 163: increase, 147. Cattle, in 1870, 3,368; in 1875, 5,161: increase, 1,793. Sheep, in 1870, 485; in 1875, 1,825: increase, 1,340. Swine, in 1870, 291; in 1875, 1,787: increase, 1,496.

*Dogs.*—Number of dogs in the county, 434; number of sheep killed by dogs, 9; value of sheep killed by dogs, \$20.97. Number of sheep killed by wolves, 8; value of sheep killed by wolves, \$18.64.

*Horticulture.*—Acres of nurseries, 22.50; orchards, 605.78; vineyards, .82.

*Fences.*—Stone, 3,085 rods; cost, \$7,966.87. Rail, 5,255 rods; cost, \$7,357. Board, 6,944 rods; cost, \$9,895.20. Wire, 1,500 rods; cost, \$975. Hedge, 34,800 rods; cost, \$19,140. Total rods of fence, 51,534; total cost, \$45,334.07.

*Herd Law.*—The herd law has been in operation since 1872 throughout the whole county, and the general prosperity has been greatly enhanced.

*Water Powers.*—There are several fine water powers on the Cottonwood, Muddy and Doyle creeks. Two mills have been erected on the Cottonwood, but no other powers have been improved.

*Manufactures.*—Peabody township, steam flouring mill, capital, \$6,000. Doyle

township, water-power flouring mill, capital, \$12,000. Centre township, water-power flouring mill, capital, \$10,000. Clear Creek township, saw mill. Marion Centre, furniture factory and cheese factory.

*Banks.*—Marion Bank and Savings Institution, Florence. Kollock & Chenault and A. B. Salisbury, Peabody.

*Newspapers.*—*Marion County Record*, at Marion Centre, and the *Gazette*, at Peabody, both weekly.

*Schools, etc.*—Organized school districts, 74; school houses, 65; value of school buildings and grounds, furniture and apparatus, \$84,415.

*Churches.*—Presbyterian: Organizations 4, membership 107, church edifices 3, valuation \$7,500. Baptist: Organizations 4, membership 129, church edifices, 1, valuation \$1,000. United Presbyterian: Organizations 1, membership 18. Methodist: Organizations 7, membership 80, church edifices 1, valuation \$400. Episcopal: Membership 6. Catholic: Organizations 3, membership 270.

*Libraries.*—Three public libraries, with 765 volumes, and 58 private libraries, containing 4,903 volumes, are reported from six townships.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$677; poultry and eggs sold, \$1,387.25; pounds of wool produced, 6,451.

*Wages.*—Farm laborers, with board, per month, \$15 to \$20; carpenters, \$1.75 to \$2.50 per day; bricklayers and stonemasons, \$3 to \$4; house painters, \$1.75 to \$2.50; wagon makers, \$1.75 to \$2.50; blacksmiths, \$1.50 to \$2.50; shoemakers, \$1.50 to \$2; harnessmakers, \$1.50 to \$2; printers, \$1.50 to \$2.50; clerks, \$25 to \$30 per month.

The prices of vacant land range from \$3 to \$7 per acre.

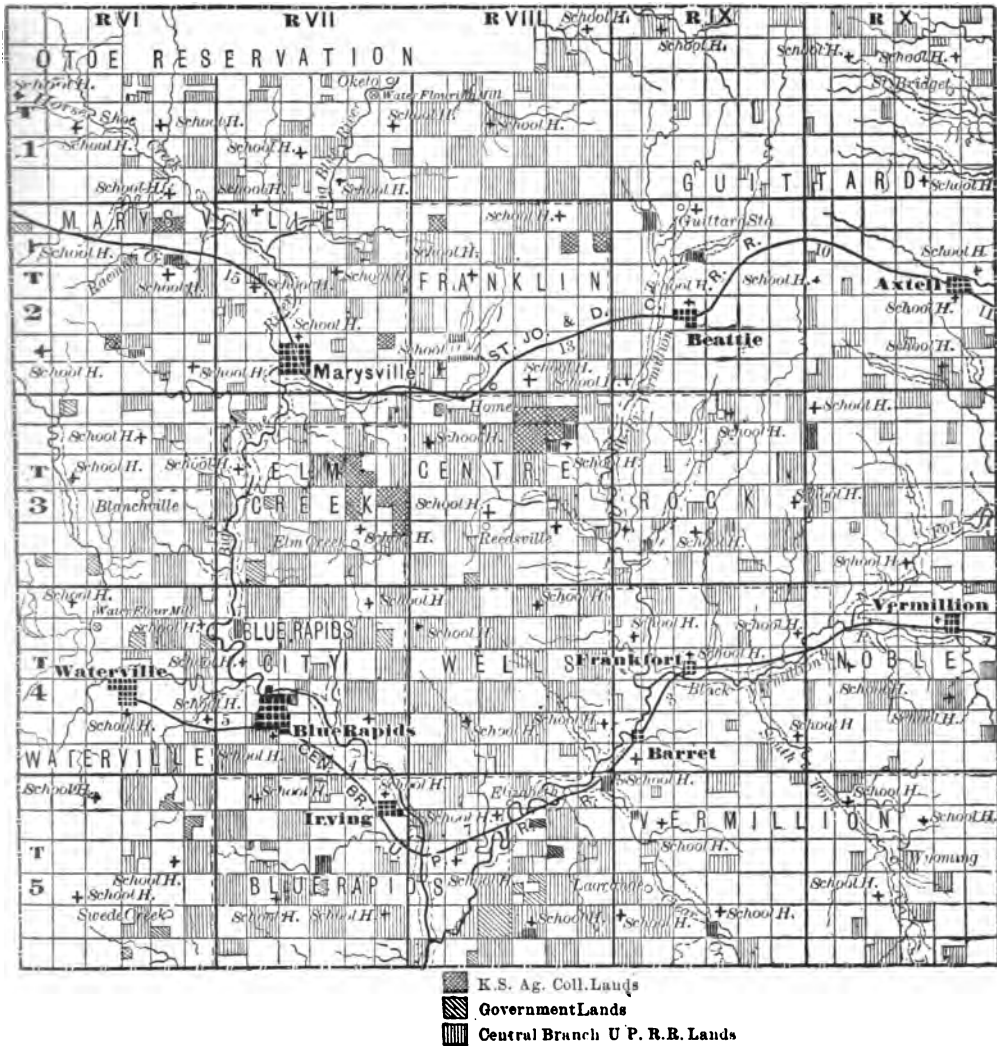
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## MARSHALL COUNTY.

Organized in 1855. Named in honor of Gen. Frank J. Marshall, who established a ferry on the Big Blue, at the crossing of the California road, in 1849, within the limits of the county, and who, in 1855, was a member of the first Territorial Legislature, representing the region embracing the county. He was, in 1858, a candidate for Governor under the Lecompton Constitution. Square miles, 900; population to square mile, 12.02. Population in 1860, 2,280; in 1870, 6,901: increase in ten years, 4,621; population in 1875, 10,822: increase in five years, 8,921: increase in fifteen years, 8,542.



MAP OF MARSHALL COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES.   | POP.  |
|-----------------------|-------|-----------------------|-------|-------------------------|-------|
| Blue Rapids.....      | 839   | Blue Rapids City..... | 410   | City of Blue Rapids.... | 685   |
| Centre.....           | 490   | Elm Creek.....        | 256   | Franklin.....           | 238   |
| Guttard.....          | 1,000 | Marysville.....       | 2,487 | Noble.....              | 363   |
| Rock.....             | 823   | Vermillion.....       | 1,478 | Waterville.....         | 1,836 |
| Wells.....            | 485   |                       |       |                         |       |

*Nativity.*—Born in the United States, 8,573; in Germany, 777; in Ireland, 309; in England and Wales, 318; in Scotland, 81; in Sweden, Norway and Denmark, 304; in France, 34; in North of Europe, 10; in Italy, 1; in South of Europe, 67; in British America, 340; in countries not specified, 8.

*Sex.*—Males, 5,752; females, 5,070.

#### WHERE FROM TO KANSAS.

|                     |       |                      |     |                             |     |
|---------------------|-------|----------------------|-----|-----------------------------|-----|
| Arkansas .....      | 14    | Minnesota .....      | 66  | Virginia .....              | 63  |
| California .....    | 29    | Mississippi .....    | 20  | West Virginia .....         | 35  |
| Colorado .....      | 24    | Missouri .....       | 732 | Wisconsin .....             | 487 |
| Connecticut .....   | 51    | Nebraska .....       | 157 | Dist. of Columbia and the   |     |
| Delaware .....      | 1     | Nevada .....         | 1   | Territories .....           | 14  |
| Florida .....       | 1     | New Hampshire .....  | 23  | Germany .....               | 112 |
| Georgia .....       | 17    | New Jersey .....     | 88  | Ireland .....               | 32  |
| Illinois .....      | 2,002 | New York .....       | 721 | England and Wales .....     | 84  |
| Indiana .....       | 463   | Ohio .....           | 664 | Scotland .....              | 26  |
| Iowa .....          | 950   | Oregon .....         | 1   | Sweden, Norway and Den-     |     |
| Kentucky .....      | 167   | Pennsylvania .....   | 249 | mark .....                  | 132 |
| Louisiana .....     | 3     | Rhode Island .....   | 8   | France .....                | 4   |
| Maine .....         | 60    | South Carolina ..... | 5   | Other North of Europe ..... | 7   |
| Maryland .....      | 30    | Tennessee .....      | 49  | South of Europe .....       | 11  |
| Massachusetts ..... | 49    | Texas .....          | 11  | British America .....       | 330 |
| Michigan .....      | 203   | Vermont .....        | 17  | .....                       |     |

Born in Kansas, 2,616; not otherwise stated, 50.

*Occupation.*—There are 2,083, or 72.8 per cent., engaged in Agriculture; 302, or 10.5 per cent., in Professional and Personal service; 162, or 5.6 per cent., in Trade and Transportation; 313, or 10.9 per cent., in Manufactures and Mining.

*County Seat.*—Marysville, the county seat, is 76 miles in an air line from Topeka, in a northwesterly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 3 per cent.; prairie, 97 per cent. Average widths of bottoms, one mile; general surface of the country, undulating; along the Big Blue river, bluffy.

*Timber.*—Average width of timber belts, one-quarter to one mile. Varieties: principally oak, walnut and cottonwood.

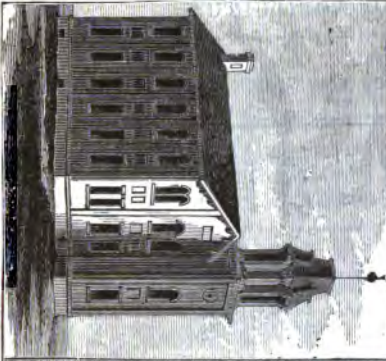
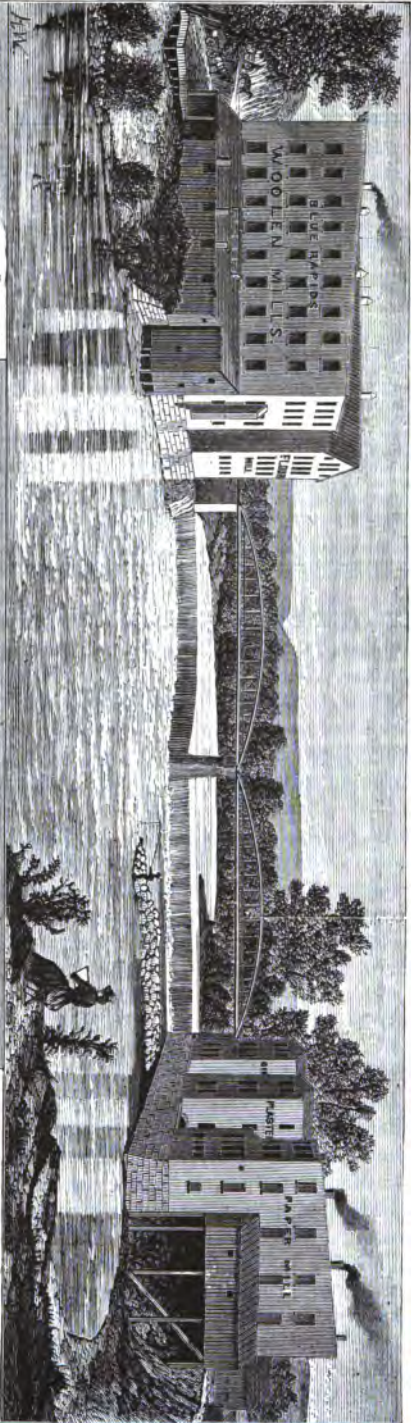
*Principal Streams.*—Big Blue river, running south; tributaries, Little Blue, Black Vermillion, Elm, Irish, Spring, Game Fork, Horseshoe and other creeks. The county has many good springs; well water obtained at a depth of from 20 to 40 feet.

*Coal.*—None has been developed.

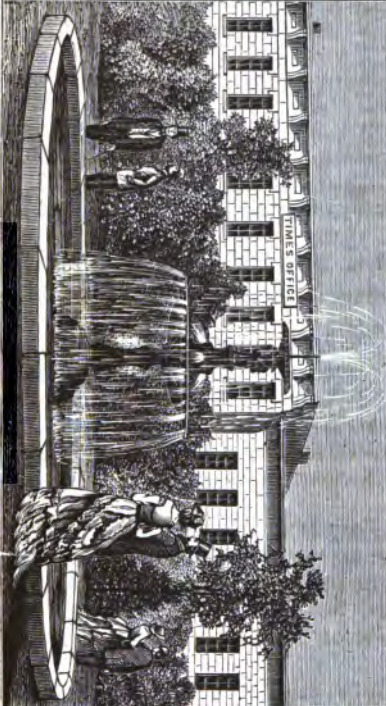
*Building Stone, etc.*—An excellent quality of magnesian limestone is found in inexhaustible quantities. Fire clay is reported in abundance, and pottery clay in limited quantities; extensive beds of gypsum also reported.

*Railroad Connections.*—The St. Joseph & Denver City Railroad runs through the county from east to west, a little north of the centre. Principal station, Marysville. The Central Branch Union Pacific Railroad traverses nearly the entire extent of the southern part of the county from east to west; present western terminus, Waterville. Principal stations: Barrett's, Irving, Blue Rapids.

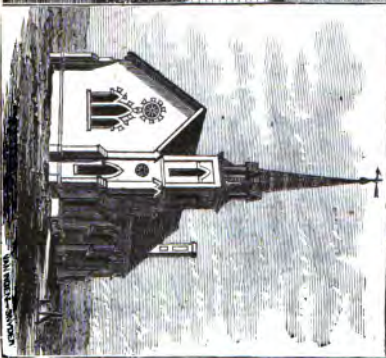
*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 430,000.26; under cultivation, 88,465.55; cultivated to taxable acres, 19.40 per cent.: increase of cultivated acres during the year, 11,263.55.



PUBLIC SCHOOL HOUSE.



VIEW IN THE PUBLIC SQUARE,  
BLUE RAPIDS.



PRESBYTERIAN CHURCH, BUILT OF WHITE  
MAGENBLEN LIMESTONE.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 5,331.00  | 20.00          | 106,630   | \$1.00 | \$106,630.00      |
| Rye.....bu.                   | 3,503.50  | 19.00          | 66,566    | .60    | 39,939.60         |
| Spring Wheat.....bu.          | 27,834.50 | 13.00          | 361,848   | .78    | 283,241.44        |
| Corn.....bu.                  | 23,910.00 | 42.00          | 1,004,220 | .24    | 241,012.80        |
| Barley.....bu.                | 1,515.25  | 24.00          | 36,366    | 1.22   | 44,366.52         |
| Oats.....bu.                  | 8,538.25  | 38.00          | 324,453   | .25    | 81,113.25         |
| Buckwheat.....bu.             | 75.50     | 19.00          | 1,434     | .90    | 1,290.60          |
| Potatoes, Irish.....bu.       | 747.74    | 119.00         | 88,961    | .28    | 24,914.68         |
| Sweet Potatoes.....bu.        | 7.50      | 120.00         | 900       | .98    | 882.00            |
| Sorghum.....gall.             | 316.33    | 110.00         | 34,795    | .50    | 17,397.50         |
| Castor Beans.....bu.          | 71.00     | 15.00          | 1,065     | 1.12   | 1,192.80          |
| Cotton.....bs.                | .75       | 50.00          | 37        | .07    | 2.59              |
| Flax.....bu.                  | 448.75    | 10.00          | 4,487     | 1.05   | 4,711.35          |
| Hemp.....bs.                  | 4.00      | 650.00         | 2,600     | .65    | 1,690.00          |
| Tobacco.....bs.               | 5.62      | 500.00         | 2,810     | .06    | 224.80            |
| Broom Corn.....bs.            | 459.00    | 745.00         | 341,915   | .06    | 20,517.30         |
| Millet and Hungarian.....tons | 987.50    | 2.75           | 2,578     | 4.50   | 11,601.00         |
| Timothy.....tons              | 67.87     | 1.00           | 68        | 7.00   | 476.00            |
| Clover.....tons               | 65.00     | 2.50           | 162       | 6.75   | 1,093.50          |
| Prairie.....tons              | 1,088.00  | 1.50           | 1,557     | 3.00   | 4,671.00          |

*Dairy Products.*—Cheese manufactured in 1870, 250 lbs.; in 1875, 28,510 lbs.: increase, 28,260 lbs. Butter manufactured in 1870, 125,303 lbs.; in 1875, 305,147 lbs.: increase, 179,844 lbs.

*Farm Animals.*—Number of horses in 1870, 2,584; in 1875, 4,182: increase, 1,648. Mules and asses, in 1870, 173; in 1875, 332: increase, 159. Cattle, in 1870, 7,408; in 1875, 16,160: increase, 8,752. Sheep, in 1870, 2,379; in 1875, 1,355: decrease, 1,024. Swine, in 1870, 2,909; in 1875, 5,485: increase, 2,576.

*Dogs.*—Number of dogs in the county, 1,666; number of sheep killed by dogs, 77; value of sheep killed by dogs, \$179.41. Number of sheep killed by wolves, 61; value of sheep killed by wolves, \$142.13.

*Horticulture.*—Acres of nurseries, 42.75; orchards, 1,505.87; vineyards, 18.50.

*Apiculture.*—Number of stands of bees, 61; pounds of honey, 235; wax, 5.

*Fences.*—Stone, 9,510 rods; cost, \$23,775. Rail, 60,214 rods; cost, \$84,299.60. Board, 33,721 rods; cost, \$50,581.50. Wire, 10,300 rods; cost, \$7,467.50. Hedge, 31,022 rods; cost, \$17,062.10. Total rods of fence, 144,767 rods; total cost, \$188,185.70.

*Water Powers.*—The Big Blue river furnishes excellent water power; quite extensively utilized.

*Manufactures.*—Marysville township, water-power flouring mill, capital \$50,000; water-power flouring mill, capital \$25,000; cigar manufactory, capital \$5,000; steam furniture manufactory, capital \$10,000; vinegar factory and pottery. Waterville township, water-power flouring mill, capital \$25,000; soap manufactory, capital \$3,000; water-power flouring mill, capital \$15,000; cigar manufactory. Blue Rapids township, water-power flouring mill, capital \$50,000; water-power woolen mill, capital \$50,000; water-power paper mill, capital \$25,000; water-power gypsum manufactory, capital \$10,000; water-power flouring mill, capital \$20,000. Vermilion township, steam flouring mill, capital \$10,000; water-power flouring mill, capital \$5,000. Four cheese manufactories in the county, capital \$15,000; also two cigar manufactories. One brewery at Marysville. Barrett, flour and saw mill. Okelo, flouring mill. Irving, broom factory.

*Banks.*—Marshall County Savings Bank, Waterville; banking house of Frank

Schmidt, Marysville; banking house of Olmstead & Freeland, Blue Rapids. The three banks named have an aggregate capital of \$47,621.

*Business Houses of Principal Towns.*—City of Marysville: Agricultural implements and wagons, 3; books, periodicals and stationery, 1; boots and shoes, 2; clothing and tailoring, 1; confectionery, 2; dry goods, 8; drugs, oils and paints, 2; furniture and upholstery, 2; groceries, 2; hardware, 2; jewelry, clocks, watches, etc., 1; lumber, 1; music and musical instruments, 1; millinery, 1; queensware, 1; saddles and harness, 2; sewing machines, 1. City of Waterville: Books, periodicals and stationery, 2; boots and shoes, 1; clothing and tailoring, 2; confectionery, 3; drugs, oils and paints, 3; hardware, 2; jewelry, clocks, watches, etc., 2; lumber, 2; millinery, 2; merchandise ("country stores"), 12; saddles and harness, 1.

*Newspapers.*—*Times*, Blue Rapids; *Telegraph*, Waterville; *Marshall County News*, Marysville; *Gazette*, Irving; all weekly.

*Schools, etc.*—Organized school districts, 87; school houses, 80; value of school buildings and grounds, furniture and apparatus, \$89,704. Wetmore Institute, at Irving, under the charge of the Presbyterian church; parochial schools under the charge of the Catholic church, at St. Joseph settlement and Marysville.

*Churches.*—Presbyterian: Organizations 5, membership 190, church edifices 4, valuation \$18,600. Congregational: Organizations 1, membership 63. Baptist: Organizations 5, membership 320, church edifices 1, valuation \$2,500. Methodist: Organizations 5, membership 341, church edifices 3, valuation \$6,500. Episcopal: Organizations 2, membership 30, church edifices 1, valuation \$3,500. Catholic: Organizations 6, membership 618, church edifices 2, valuation \$1,000. Lutheran: Organizations 4, membership 58, church edifices 2, valuation \$3,250.

*Libraries.*—Five townships report five public libraries, containing 2,041 volumes, and 40 private libraries, with 6,159 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$372; poultry and eggs sold, \$6,782; pounds of wool produced, 4,247.

The *Atchison Champion*, issue of June 13, was printed on the first paper manufactured in the State, at the Blue Rapids paper mill.

The prices of vacant land range from 2.50 to \$8 per acre.

## McPHERSON COUNTY.

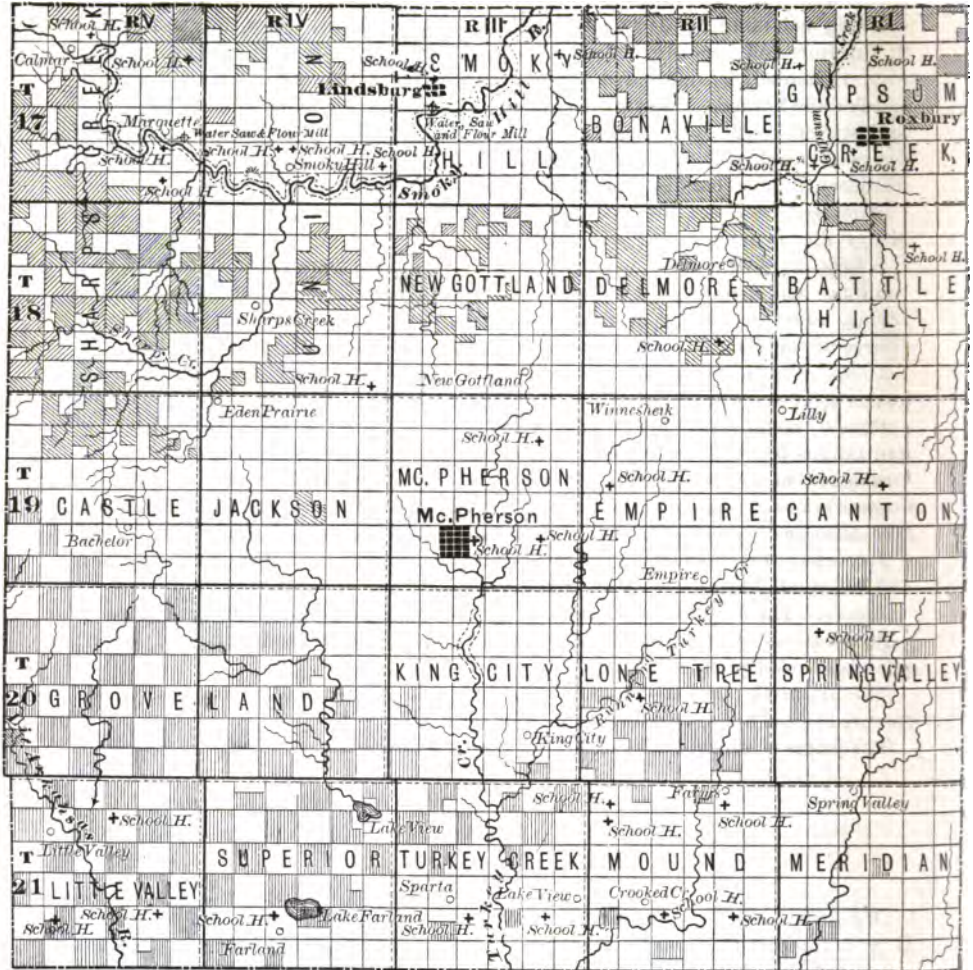
Organized in 1870. Named in honor of James B. McPherson, Major General U. S. Volunteers, who was killed in battle July 22, 1864, at Atlanta, Georgia. Square miles, 900; population to square mile, 6.89. Population in 1870, 738; population in 1875, 6,205: increase in five years, 5,467.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Canton .....          | 306  | Castle .....          | 181  | Delmore .....         | 194  |
| Empire .....          | 296  | Groveland .....       | 313  | Gypsum Creek .....    | 569  |
| Jackson .....         | 268  | King City .....       | 218  | Little Valley .....   | 204  |
| Lone Tree .....       | 242  | McPherson .....       | 363  | Meridian .....        | 838  |
| Mound .....           | 267  | New Gottland .....    | 242  | Sharpes Creek .....   | 364  |
| Smoky Hill .....      | 530  | Spring Valley .....   | 287  | Superior .....        | 290  |
| Turkey .....          | 326  | Union .....           | 477  |                       |      |



MAP OF McPHERSON COUNTY, KANSAS, 1875.



-  K.P.R.R. Lands.  
 Government Lands.  
 A.T. & S.F.R.R. Lands

**Nativity.**—Born in the United States, 4,254; in Germany, 114; in Ireland, 29; in England and Wales, 66; in Scotland, 25; in Sweden, Norway and Denmark, 1,045; in France, 9; in North of Europe, 59; in South of Europe, 529; in British America, 72; in countries not specified, 3.

**Sex.**—Males, 3,389; females, 2,816.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                            |     |
|--------------------|-------|---------------------|-----|----------------------------|-----|
| Arkansas.....      | 4     | Mississippi.....    | 22  | Vermont.....               | 2   |
| California.....    | 9     | Missouri.....       | 407 | Virginia.....              | 19  |
| Colorado.....      | 14    | Nebraska.....       | 42  | Wisconsin.....             | 93  |
| Connecticut.....   | 7     | Nevada.....         | 1   | Dist. of Columbia and the  |     |
| Illinois.....      | 1,385 | New Hampshire.....  | 2   | Territories.....           | 27  |
| Indiana.....       | 291   | New Jersey.....     | 9   | Germany.....               | 11  |
| Iowa.....          | 975   | New York.....       | 119 | Ireland.....               | 7   |
| Kentucky.....      | 110   | North Carolina..... | 1   | England and Wales.....     | 5   |
| Louisiana.....     | 2     | Ohio.....           | 805 | Sweden, Norway and Den-    |     |
| Maine.....         | 1     | Pennsylvania.....   | 144 | mark.....                  | 504 |
| Maryland.....      | 5     | Rhode Island.....   | 5   | France.....                | 4   |
| Massachusetts..... | 2     | South Carolina..... | 1   | Other South of Europe..... | 547 |
| Michigan.....      | 223   | Tennessee.....      | 14  | British America.....       | 16  |
| Minnesota.....     | 45    | Texas.....          | 9   |                            |     |

Born in Kansas, 788; not otherwise stated, 13.

*Occupation.*—There are 1,711, or 92.5 per cent., engaged in Agriculture; 47, or 2.5 per cent., in Professional and Personal service; 23, or 1.2 per cent., in Trade and Transportation; 67, or 3.6 per cent., in Manufactures and Mining.

*County Seat.*—McPherson, the county seat, is 117 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 5 per cent.; upland, 95 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, one mile; general surface of the country, undulating.

*Timber.*—Average width of timber belts, not more than five rods. Varieties: cottonwood, ash, elm, willow, and some oak.

*Principal Streams.*—The Smoky Hill river, in the northern part of the county, flowing from east to west; its tributaries flow north. The Little Arkansas flows southeast. The county has a tolerable supply of springs; good well water obtained at a depth on the bottoms of from 10 to 40 feet, high prairie 20 to 100 feet.

*Coal.*—None of consequence has been discovered.

*Building Stone, etc.*—In the southeast part of the county some limestone of fair quality is found; in the northern part there is an abundance of sandstone of second-rate quality. A few salt springs are reported, which have not been tested; also some mineral paint of poor quality. Pottery clay is found, but has not been tested. There are considerable quantities of gypsum of extra good quality.

*Railroad Connections.*—There are no railroads in the county.

*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 198,012 under cultivation, 75,419.90; cultivated to taxable acres, 38.08 per cent.; increase of cultivated acres during the year, 43,134.90.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 16,434.50 | 22.00          | 361,559   | \$ .87 | \$314,556.83      |
| Rye.....bu.                   | 2,210.90  | 23.00          | 50,851    | .55    | 27,968.05         |
| Spring Wheat.....bu.          | 2,224.91  | 14.00          | 31,149    | .80    | 24,919.20         |
| Corn.....bu.                  | 17,738.00 | 43.00          | 762,734   | .22    | 167,801.48        |
| Barley.....bu.                | 609.75    | 26.00          | 15,853    | 1.18   | 18,708.54         |
| Oats.....bu.                  | 6,082.99  | 40.00          | 243,320   | .20    | 48,664.00         |
| Buckwheat.....bu.             | 16.60     | 30.00          | 832       | .80    | 265.60            |
| Potatoes, Irish.....bu.       | 469.90    | 130.00         | 61,087    | .22    | 13,439.14         |
| Sweet Potatoes.....bu.        | 8.71      | 170.00         | 1,481     | .75    | 1,110.75          |
| Sorghum.....gall.             | 162.89    | 125.00         | 20,359    | .40    | 8,119.60          |
| Castor Beans.....bu.          | 61.25     | 16.00          | 980       | 1.00   | 980.00            |
| Flax.....bu.                  | 41.75     | 10.00          | 417       | 1.00   | 417.00            |
| Tobacco.....bs.               | 25        | 700            | 175       | .07    | 12.25             |
| Broom Corn.....bs.            | 3,741.50  | 800.00         | 2,993,200 | .05    | 149,660.00        |
| Millet and Hungarian.....tons | 170.25    | 2.87           | 489       | 4.40   | 2,151.60          |
| Timothy.....tons              | 34.25     | 1.50           | 51        | 5.00   | 255.00            |
| Clover.....tons               | 10.75     | 3.00           | 32        | 5.00   | 160.00            |
| Prairie.....tons              | 1,337.00  | 1.50           | 2,005     | 3.00   | 6,015.00          |

*Dairy Products.*—Cheese manufactured in 1875, 1,153 lbs. Butter manufactured in 1870, 7,800 lbs.; in 1875, 69,487 lbs.: increase, 61,687 lbs.

*Farm Animals.*—Number of horses, in 1870, 263; in 1875, 2,179: increase, 1,916. Mules and asses, in 1870, 21; in 1875, 273: increase, 252. Cattle, in 1870, 2,290; in 1875, 6,236: increase, 3,946. Sheep, in 1870, 36; in 1875, 1,255: increase, 1,219. Swine, in 1870, 260; in 1875, 1,776: increase, 1,516.

*Dogs.*—Number of dogs in the county, 712; number of sheep killed by dogs, 8; value of sheep killed by dogs, \$18.64. Number of sheep killed by wolves, 27; value of sheep killed by wolves, \$62.91.

*Horticulture.*—Acres of nurseries, 94.19; orchards, 319.85; vineyards, 39.94.

*Fences.*—Stone, 100 rods; cost, \$225. Rail, 3,750 rods; cost, \$5,343.75. Board, 1,751 rods; cost, \$2,018.65. Wire, 500 rods; cost \$375. Hedge, 30,062 rods; cost, \$14,279.45. Total rods of fence, 36,163; total cost, \$22,236.85.

*Water Powers.*—There are powers, but they have not been utilized.

*Manufactures.*—In Superior township, wind mill. Marquette, water-power flour and saw mill. Lindsburg, water-power flour and saw mill.

*Banks.*—None in the county.

*Newspapers.*—The *Independent*, published weekly at McPherson.

*Schools, etc.*—Organized school districts, 76; school houses, 20; value of school buildings and grounds, furniture and apparatus, \$7,661.

*Churches.*—Congregational: Organizations 2, membership, 45. Baptist: Organizations 7, membership 175. Methodist: Organizations 5 membership 150. Catholic: Organizations 2, membership 140.

*Libraries.*—But two townships of the 20 report; these give one public and three private libraries, with 1,250 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$256; poultry and eggs sold, \$1,437; pounds of wool produced, 4,236.

The prices of vacant land range from \$2 to \$6 per acre.

## MIAMI COUNTY.

Organized in 1856. Named Lykens in 1855, in honor of Dr. David Lykens, who was connected with a mission among the Miami Indians, whose reservation was within the limits of the county. The name of the county was changed by act of the Legislature, in 1861. Square miles, 588; population to square mile, 21.53. Population in 1860, 4,980; in 1870, 11,725: increase in ten years, 6,745; population in 1875, 12,667: increase in five years, 942: increase in fifteen years, 7,687.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Maryville .....       | 1,296 | Miami .....           | 951   | Middle Creek .....    | 911   |
| Mound .....           | 551   | Osage .....           | 1,023 | Osawatomie .....      | 1,017 |
| Paola .....           | 749   | Paola City .....      | 1,523 | Richland .....        | 944   |
| Stanton .....         | 636   | Sugar Creek .....     | 715   | Valley .....          | 711   |
| Wea .....             | 1,641 |                       |       |                       |       |

*Nativity.*—Born in the United States, 11,787; in Germany, 327; in Ireland, 202; in England and Wales, 128; in Scotland, 24; in Sweden, Norway, and Denmark, 19;



in France, 9; in Italy, 1; in South of Europe, 15; in British America, 144; in countries not specified, 11.

*Sex.*—Males, 6,580; females, 6,087.

MAP OF MIAMI COUNTY, KANSAS, 1875.



WHERE FROM TO KANSAS.

|                    |       |                     |       |                                            |     |
|--------------------|-------|---------------------|-------|--------------------------------------------|-----|
| Arkansas.....      | 66    | Mississippi.....    | 2     | Virginia.....                              | 147 |
| California.....    | 31    | Missouri.....       | 2,152 | West Virginia.....                         | 60  |
| Colorado.....      | 6     | Nebraska.....       | 28    | Wisconsin.....                             | 121 |
| Connecticut.....   | 5     | Nevada.....         | 6     | Dist. of Columbia and the Territories..... | 21  |
| Delaware.....      | 5     | New Hampshire.....  | 11    | Germany.....                               | 68  |
| Georgia.....       | 25    | New Jersey.....     | 31    | Ireland.....                               | 27  |
| Illinois.....      | 2,391 | New York.....       | 176   | England and Wales.....                     | 23  |
| Indiana.....       | 1,017 | North Carolina..... | 60    | Scotland.....                              | 4   |
| Iowa.....          | 853   | Ohio.....           | 826   | Sweden, Norway and Denmark.....            | 10  |
| Kentucky.....      | 128   | Oregon.....         | 2     | France.....                                | 4   |
| Louisiana.....     | 10    | Pennsylvania.....   | 255   | Other South of Europe.....                 | 2   |
| Maine.....         | 11    | Rhode Island.....   | 1     | British America.....                       | 98  |
| Maryland.....      | 18    | South Carolina..... | 1     |                                            |     |
| Massachusetts..... | 21    | Tennessee.....      | 79    |                                            |     |
| Michigan.....      | 188   | Texas.....          | 37    |                                            |     |
| Minnesota.....     | 25    | Vermont.....        | 5     |                                            |     |

Born in Kansas, 3,744; not otherwise stated, 5.

*Occupation.*—There are 2,482, or 78.4 per cent., engaged in Agriculture; 268, or

8.3 per cent., in Professional and Personal service; 140, or 44. per cent., in Trade and Transportation; 277, or 8.7 per cent., in Manufactures and Mining.

*County Seat.*—Paola, the county seat, is 54 miles in an air line from Topeka, in a southeasterly direction.

*Face of Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 10 per cent.; prairie, 90 per cent.; average width of bottoms about one mile, general surface of the country undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: walnut, hickory, cottonwood, pin oak, hackberry, sugar maple and other small kinds.

*Principal Streams.*—Marais des Cygnes river flows from northwest to southeast. Bull creek from north to south, a large stream with two branches coming in from the northeast. Wea, from northeast to southwest, a large stream with three branches. Middle creek, from northeast to southwest. Sugar creek, from east to southwest. Walnut creek, from north to south. Pottawatomie, from west to southeast. The county is well supplied with springs; good well water obtained at a depth of from 12 to 30 feet.

*Coal.*—It is stated that 25 per cent. of the area of the county is underlaid with coal. The thickest vein yet discovered is four inches, found at the surface; the quality is poor, and none has been worked.

*Building Stone, etc.*—Good building stone in all parts of the county. In the southern and central portions of the county is found what is called the "Fontana marble," which resembles the Junction City stone. There are no salt springs or marshes, but salt water has been found in sinking wells.

*Railroad Connections.*—The Missouri River, Fort Scott & Gulf Railroad runs north and south through the centre of the county. Stations, Paola and Fontana. The Paola & Holden Railroad, operated by the Missouri, Kansas & Texas Railroad, runs north of east from Paola, joining the Missouri Pacific at Holden, Missouri.

*Agricultural Statistics.*—Acres in the county, 376,820; taxable acres, 363,768; under cultivation, 156,436.12; cultivated to taxable acres, 43.03 per cent.: increase of cultivated acres during the year, 14,712.12.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 659.00    | 14.00          | 9,226     | \$ .97 | \$ 8,949.22       |
| Rye.....bu.                   | 80.00     | 16.00          | 1,280     | .62    | 793.60            |
| Spring Wheat.....bu.          | 10.00     | 8.00           | 80        | .76    | 60.80             |
| Corn.....bu.                  | 95,002.00 | 41.00          | 3,895,082 | .25    | 973,770.50        |
| Barley.....bu.                | 10.00     | 24.00          | 240       | 1.25   | 300.00            |
| Oats.....bu.                  | 2,583.00  | 28.00          | 72,324    | .25    | 18,081.00         |
| Buckwheat.....bu.             | 277.00    | 18.00          | 4,986     | .95    | 4,736.70          |
| Potatoes, Irish.....bu.       | 1,520.25  | 100.00         | 152,025   | .30    | 45,607.50         |
| Sweet Potatoes.....bu.        | 19.62     | 150.00         | 2,943     | .80    | 2,354.40          |
| Sorghum.....gall.             | 865.75    | 100.00         | 86,575    | .50    | 43,287.50         |
| Caster Beans.....bu.          | 571.50    | 14.00          | 8,001     | 1.05   | 8,401.05          |
| Cotton.....bs.                | 21.50     | 100.00         | 2,150     | .08    | 172.00            |
| Flax.....bu.                  | 279.00    | 9.00           | 2,511     | 1.10   | 2,762.10          |
| Hemp.....bu.                  | 18.00     | 650.00         | 11,700    | .60    | 7,020.00          |
| Tobacco.....bs.               | 27.50     | 650.00         | 17,875    | .08    | 1,430.00          |
| Broom Corn.....bs.            | 189.00    | 725.00         | 137,025   | .06    | 8,221.50          |
| Millet and Hungarian.....tons | 2,068.00  | 2.62           | 5,424     | 5.00   | 27,420.00         |
| Timothy.....tons              | 1,329.00  | 1.00           | 1,329     | 8.00   | 10,712.00         |
| Clover.....tons               | 323.00    | 2.75           | 891       | 7.50   | 6,670.00          |
| Prairie.....tons              | 24,158.00 | 1.50           | 36,237    | 3.75   | 135,888.75        |

*Dairy Products.*—Cheese manufactured in 1870, 5,025 lbs.; in 1875, 26,970 lbs.:

increase, 21,945 lbs. Butter manufactured in 1870, 240,323 lbs.; in 1875, 272,252 lbs.: increase, 31,928 lbs.

*Farm Animals.*—Number of horses in 1870, 4,913; in 1875, 6,873: increase, 1,960. Mules and asses, in 1870, 557; in 1875, 794: increase, 237. Cattle, in 1870, 12,159; in 1875, 25,146: increase, 12,987. Sheep, in 1870, 3,929; in 1875, 1,932: decrease, 1,997. Swine, in 1870, 7,756; in 1875, 15,261: increase, 7,505.

*Dogs.*—Number of dogs in the county, 2,104; number of sheep killed by dogs, 175; value of sheep killed by dogs, \$407.75. Number of sheep killed by wolves, 36; value of sheep killed by wolves, \$38.88.

*Horticulture.*—Acres of nurseries, 30.50; orchards, 3,614; vineyards, 98.25

*Apiaculture.*—Number of stands of bees, 484; pounds of honey, 1,261; wax, 134.

*Fences.*—Stone, 12,094 rods; cost, \$28,723.25. Rail, 467,108 rods; cost, \$618,918.10. Board, 53,698 rods; cost, \$85,916.80. Wire, 53,300 rods; cost, \$39,979. Hedge, 185,419 rods; cost, \$97,344.97. Total rods of fence, 771,619; total cost, \$870,882.12.

*Water Powers.*—The Marais des Cygnes affords several powers, two of which have been utilized.

*Manufactures.*—There are three steam grist mills in the county, two steam grist and saw mills, one steam saw mill, one water-power saw mill, one wind-power grist and saw mill, one cigar manufactory, one brewery, three wagon factories, one carriage factory, cheese factory, furniture factory, and match factory, at Paola. Osage township, grist mill. Wea township, two grist and saw mills, wind-power grist and saw mill, cheese factory. Stanton township, wind-power grist mill. New Lancaster township, wind-power grist mill. Osawatomie township, saw and grist mill. Middle Creek township, two saw and grist mills.

*Banks.*—First National Bank of Paola, capital \$50,000.

*Newspapers.*—The *Miami Republican* and the *Western Spirit*, both published weekly at Paola.

*Schools, etc.*—Organized school districts, 89; school houses, 89; value of school buildings and grounds, furniture and apparatus, \$22,864. A parochial school at Paola, under charge of the Catholic church.

*Churches.*—Presbyterian: Organizations 4, membership 150, church edifices 1, valuation \$4,000. Congregational: Organizations 2, membership 58, church edifices 2, valuation \$5,500. Baptist: Organizations 7, membership 263, church edifices 3, valuation \$6,000. Methodist: Organizations 17, membership 628, church edifices 4, valuation \$10,000. Episcopal: Organizations 1, membership 8. Catholic: Organizations 1, membership 200, church edifices 1, valuation \$2,000. Universalist: Organizations 1, membership 38.

*Libraries.*—Reports from nine townships give three public libraries, with 18 volumes, and 153 private libraries, with 9,541 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

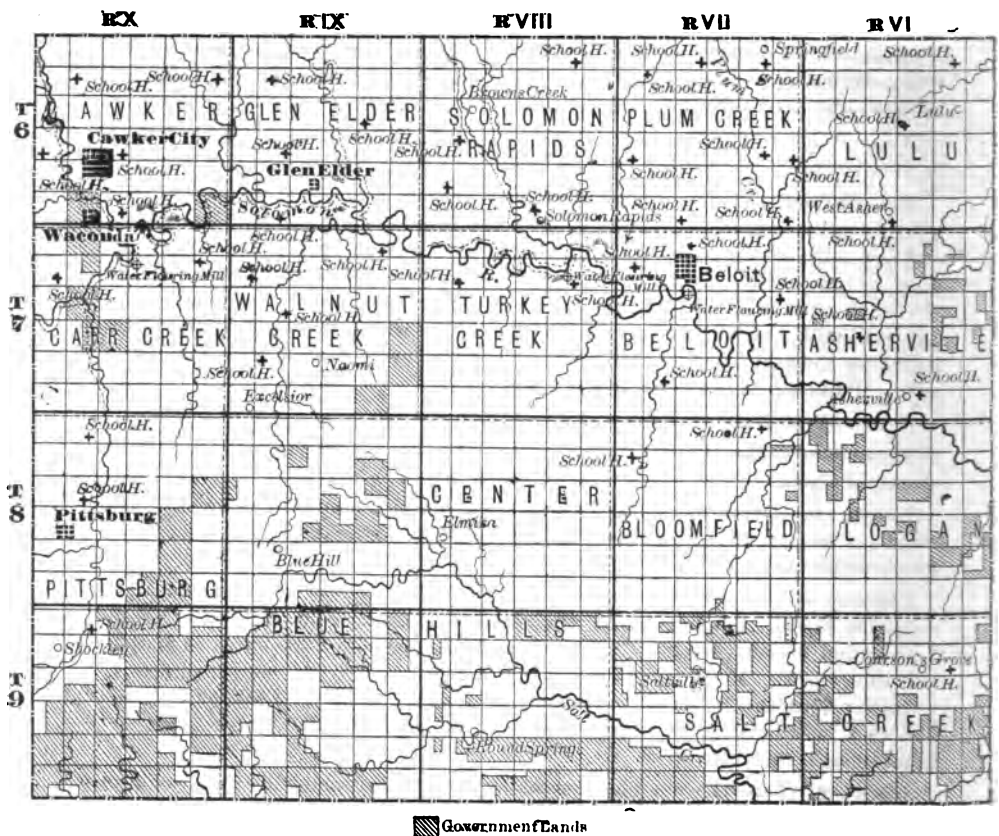
*Miscellaneous.*—Garden produce marketed, \$2,607; poultry and eggs sold, \$11,031; pounds of wool produced, 5,594.

The prices of vacant land range from \$2 to \$8 per acre.

## MITCHELL COUNTY.

Organized in 1870. Named in honor of Captain William D. Mitchell, who entered the Union army as a private in Company K, Second Kansas Cavalry; was promoted to Captain in the Second Kentucky Cavalry, and was killed March 10, 1865, at Monroe's Cross Roads, North Carolina. Square miles, 720; population to square mile, 7.45. Population in 1870, 485; population in 1875, 5,370: increase in five years, 4,885.

MAP OF MITCHELL COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Asherville .....      | 308  | Beloit .....          | 717  | Bloomfield .....      | 300  |
| Blue Hill .....       | 436  | Carr Creek .....      | 274  | Cawker .....          | 550  |
| Glen Elder .....      | 383  | Logan .....           | 200  | Lulu .....            | 323  |
| Pittsburgh .....      | 286  | Salt Creek .....      | 278  | Solomon Rapids .....  | 318  |
| Plum Creek .....      | 286  | Turkey Creek .....    | 301  | Walnut Creek .....    | 410  |

*Nativity.*—Born in the United States, 4,873; in Germany, 154; in Ireland, 39; in England and Wales, 84; in Scotland, 23; in Sweden, Norway, and Denmark, 87; in France, 3; in North of Europe, 9; in South of Europe, 9; in British America, 85; in countries not specified, 4.

*Sex.*—Males, 2,482; females, 2,528.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                            |     |
|--------------------|-------|---------------------|-----|----------------------------|-----|
| Alabama.....       | 1     | Minnesota.....      | 86  | Texas.....                 | 2   |
| Arkansas.....      | 5     | Mississippi.....    | 4   | Vermont.....               | 7   |
| California.....    | 6     | Missouri.....       | 325 | Virginia.....              | 6   |
| Connecticut.....   | 22    | Nebraska.....       | 302 | Wisconsin.....             | 276 |
| Georgia.....       | 46    | Nevada.....         | 2   | Dist. of Columbia and the  |     |
| Illinois.....      | 732   | New Hampshire.....  | 29  | Territories.....           | 14  |
| Indiana.....       | 192   | New Jersey.....     | 2   | Germany.....               | 27  |
| Iowa.....          | 1,673 | New York.....       | 120 | England and Wales.....     | 13  |
| Kentucky.....      | 45    | North Carolina..... | 7   | Scotland.....              | 7   |
| Louisiana.....     | 3     | Ohio.....           | 151 | Sweden, Norway and Den-    |     |
| Maine.....         | 9     | Pennsylvania.....   | 182 | mark.....                  | 21  |
| Maryland.....      | 1     | Rhode Island.....   | 2   | Other North of Europe..... | 2   |
| Massachusetts..... | 27    | Tennessee.....      | 12  | British America.....       | 53  |
| Michigan.....      | 175   |                     |     |                            |     |

Born in Kansas, 770; not otherwise stated, 11.

*Occupation.*—There are 1,121, or 84.8 per cent., engaged in Agriculture; 61, or 4.6 per cent., in Professional and Personal service; 46, or 3.4 per cent., in Trade and Transportation; 93, or 7 per cent., in Manufactures and Mining.

*County Seat.*—Beloit, the county seat, is 134 miles in an air line from Topeka, in a northwesterly direction.

*Face of the Country.*—Bottom lands, 20 per cent.; upland, 80 per cent.; forest, 2 per cent.; prairie, 98 per cent. General surface of the country—some portions level, remainder undulating.

*Timber.*—The limited area of timber is confined to the streams. Varieties: cottonwood, oak, ash, walnut, hackberry and box elder.

*Principal Streams.*—Salt creek, flowing from west to east. Solomon river, from west to east; tributaries flowing south, Oak, Granite, Limestone, Brown's, Mulberry, Plum and Asher creeks; tributaries flowing north, Car, Walnut, Turkey, Laben and Third creeks. The county is not well supplied with springs; good well water at a depth of from 12 to 20 feet.

*Coal.*—A little coal has been found in the southern part of the county, and has been mined for local use. It is valued at the mines at \$2 per ton. The veins are from 15 to 30 inches in thickness. Lignite.

*Building Stone, etc.*—White magnesian limestone is found within convenient reach of all parts of the county; salt springs in the southern and northwestern portions.

*Railroad Connections.*—No railroads yet constructed in the county.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 76,038; under cultivation, 39,539.41; cultivated to taxable acres, 52 per cent.: increase of cultivated acres during the year, 5,749.41.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 2,294.75  | 18.00          | 41,305   | \$ .65 | \$ 26,848.25      |
| Rye.....bu.                   | 3,344.50  | 17.00          | 56,856   | .40    | 22,742.40         |
| Spring Wheat.....bu.          | 11,092.75 | 14.00          | 155,298  | .45    | 69,884.10         |
| Corn.....bu.                  | 15,676.00 | 40.00          | 627,040  | .21    | 131,678.40        |
| Barley.....bu.                | 1,141.37  | 20.00          | 22,827   | 1.16   | 26,479.33         |
| Oats.....bu.                  | 2,787.25  | 25.00          | 69,681   | .19    | 13,239.39         |
| Buckwheat.....bu.             | 29.25     | 16.00          | 470      | .75    | 353.50            |
| Potatoes, Irish.....bu.       | 372.03    | 100.00         | 37,203   | .18    | 6,696.54          |
| Sweet Potatoes.....bu.        | 28.12     | 150.00         | 3,018    | 1.10   | 3,319.80          |
| Sorghum.....gall.             | 243.14    | 120.00         | 29,177   | .55    | 16,047.35         |
| Castor Beans.....bu.          | 70.75     | 15.00          | 1,061    | 1.00   | 1,061.00          |
| Cotton.....lbs.               | .25       | 75.00          | 19       | .07    | 1.33              |
| Flax.....bu.                  | 223.12    | 8.00           | 1,785    | .95    | 1,695.75          |
| Hemp.....lbs.                 | 10.12     | 560.00         | 5,060    | .55    | 2,783.00          |
| Tobacco.....lbs.              | .50       | 500.00         | 250      | .06    | 15.00             |
| Broom Corn.....lbs.           | 49.66     | 700.00         | 34,762   | .05    | 1,738.10          |
| Millet and Hungarian.....tons | 966.75    | 3.00           | 2,900    | 4.75   | 13,775.00         |
| Timothy.....tons              |           |                |          |        |                   |
| Clover.....tons               |           |                |          |        |                   |
| Prairie.....tons              |           |                |          |        |                   |

*Dairy Products.*—Cheese manufactured in 1875, 580 lbs. Butter manufactured in 1875, 63,632 lbs.

*Farm Animals.*—Number of horses in 1870, 189; in 1875, 1,999: increase, 1,810. Mules and asses in 1870, 40; in 1875, 246: increase, 206. Cattle in 1870, 807; in 1875, 4,554: increase, 3,747. Sheep in 1875, 854. Swine in 1870, 44; in 1875, 2,391: increase, 2,347.

*Dogs.*—Number of dogs in the county, 765; number of sheep killed by dogs, 43; value of sheep killed by dogs, \$100.19. Number of sheep killed by wolves, 22; value of sheep killed by wolves, \$51.26.

*Horticulture.*—Acres of nurseries, 24.75; orchards, 89.50.

*Apiaculture.*—Number of stands of bees, 2; pounds of honey, 25.

*Fences.*—Stone, 2,187 rods; cost, \$4,063.12. Rail, 10,285 rods; cost, \$14,913.25. Board, 3,291 rods; cost, \$4,442.85. Wire, 1,500 rods; cost, \$1,275. Hedge, 3,440 rods; cost \$1,892. Total rods of fence, 20,683; total cost, \$26,586.22.

*Herd Law.*—The herd law has been in force for the past three years throughout the county. A correspondent writes: "The county is decidedly more prosperous for the reason, that all that would have to be invested in fences, if there were no herd law, is now available for permanent and lasting improvements."

*Water Powers.*—There are numerous fine water powers on the Solomon, several of which have been improved, and mills are in operation.

*Manufactures.*—Glen Elder township, water-power saw and grist mill, capital \$4,000. Cawker township, steam saw mill. Beloit township, two water-power grist and saw mills. Asherville township, water-power grist and saw mill, capital \$16,000; water-power feed mill. A brewery in Waconda, and one in Beloit. Turkey Creek township, water-power flour mill. There are also two other grist mills in the county.

*Banks.*—Banking house of F. H. Hart, Beloit.

*Newspapers.*—The *Gazette*, published at Beloit, and the *Tribune* and *Echo*, at Cawker City; all weekly.

*Schools, etc.*—Organized school districts, 73; school houses, 50; value of school buildings and grounds, furniture and apparatus, \$39,357.

*Churches.*—Presbyterian: Organizations 1, membership 29. Congregational: Organizations 2, membership 86, church edifices 1, valuation \$3,000. Baptist: Organi-

zations 4, membership 188, church edifices 1, valuation \$200. United Presbyterian: Organizations 1, membership 20. Methodist: Organizations 10, membership 250, church edifices 1, valuation \$1,500. Episcopal: Membership 9. Catholic: Organizations 3, membership 250, church edifices 1, valuation, \$600. Universalists: Organizations 1; membership 20.

*Libraries.*—No returns.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$141; poultry and eggs sold, \$1,709.75; pounds of wool produced, 3,574.

*Wages.*—Farm laborers, with board, per month, \$15 to \$18; laborers in cities and on public improvements, \$1 to \$1.50 per day; carpenters, \$1.50 to \$2; house painters, \$2; blacksmiths, \$2 to \$3; shoemakers, \$1.50 to \$2; harness makers, \$2; clerks, \$30 to \$60 per month.

The prices of vacant lands range from \$2 to \$3 per acre.

### MONTGOMERY COUNTY.

Organized in 1869. Named in honor of Gen. Richard Montgomery, born in Ireland on Dec. 2d, 1736; was an officer of distinction in the British army, resigned, and settled in Dutchess county, New York, in 1778; was appointed one of the eight generals to command the Revolutionary army of America in 1775; killed in the attack on Quebec, Dec. 31st, 1775, shouting "Death and Liberty!" Square miles, 636; population to square mile, 20.46. Population in 1870, 7,564; population in 1875, 13,017; increase in five years, 5,453.

#### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES.    | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES.  | POP.  |
|--------------------------|-------|-----------------------|------|------------------------|-------|
| Caney.....               | 925   | Cherokee.....         | 797  | Cherry.....            | 1,361 |
| Drum Creek.....          | 702   | Fawn Creek.....       | 797  | Independence City..... | 2,037 |
| Independence.....        | 1,255 | Liberty.....          | 749  | Louisburg.....         | 1,441 |
| City of Coffeyville..... | 554   | Parker.....           | 772  | Rutland.....           | 797   |
| Sycamore.....            | 810   |                       |      |                        |       |

*Nativity.*—Born in the United States, 12,305; in Germany, 209; in Ireland, 131; in England and Wales, 111; in Scotland, 50; in Sweden, Norway and Denmark, 36; in France, 6; in North of Europe, 2; in South of Europe, 10; in British America, 151; in countries not specified, 6.

*Sex.*—Males, 6,888; females, 6,129.

#### WHERE FROM TO KANSAS.

|                    |       |                     |       |                                            |     |
|--------------------|-------|---------------------|-------|--------------------------------------------|-----|
| Alabama.....       | 4     | Minnesota.....      | 30    | Virginia.....                              | 93  |
| Arkansas.....      | 130   | Mississippi.....    | 1     | West Virginia.....                         | 8   |
| California.....    | 37    | Missouri.....       | 2,232 | Wisconsin.....                             | 216 |
| Colorado.....      | 19    | Nebraska.....       | 113   | Dist. of Columbia and the Territories..... | 63  |
| Connecticut.....   | 2     | Nevada.....         | 3     | Germany.....                               | 26  |
| Florida.....       | 1     | New Hampshire.....  | 7     | Ireland.....                               | 4   |
| Georgia.....       | 2     | New Jersey.....     | 15    | England and Wales.....                     | 11  |
| Illinois.....      | 3,016 | New York.....       | 139   | Scotland.....                              | 27  |
| Indiana.....       | 1,240 | North Carolina..... | 9     | Sweden, Norway and Denmark.....            | 15  |
| Iowa.....          | 1,505 | Ohio.....           | 632   | France.....                                | 6   |
| Kentucky.....      | 368   | Oregon.....         | 3     | Other North of Europe.....                 | 80  |
| Louisiana.....     | 4     | Pennsylvania.....   | 176   | British America.....                       | 151 |
| Maine.....         | 15    | South Carolina..... | 2     |                                            |     |
| Maryland.....      | 4     | Tennessee.....      | 143   |                                            |     |
| Massachusetts..... | 20    | Texas.....          | 137   |                                            |     |
| Michigan.....      | 203   | Vermont.....        | 5     |                                            |     |

Born in Kansas, 2,246; not otherwise stated, 39.

*Occupation.*—There are 2,332, or 69 per cent., engaged in Agriculture; 320, or 9.5 per cent., in Professional and Personal service; 218, or 6.4 per cent., in Trade and Transportation; 507, or 15 per cent., in Manufactures and Mining.

*County Seat.*—Independence, the county seat, is 125 miles in an air line from Topeka, in a southerly direction.

MAP OF MONTGOMERY COUNTY, KANSAS, 1875.



*Face of the Country.*—Bottom land, 25 per cent.; upland, 75 per cent.; forest, 10 per cent.; prairie, 90 per cent. The rivers run in deep channels. There are few low bottoms; general slope of the water sheds, southward. An extensive proportion of the surface is gently rolling land, some level, interspersed with the mounds peculiar to this section of the State.

*Timber.*—The timber belts vary in width from one mile to a mere fringe along the smaller streams; there are a few groves of limited extent on the uplands. Varieties not stated.



*Principal Streams.*—Verdigris river, flows southward. Elk river and Onion creek, southeast. Drum creek, southwest. Duck and Sycamore creeks, southward. Big Hill creek, southwest. The springs are not numerous; well water obtained at an average depth of 25 feet.

*Coal.*—Coal has been exposed in localities extending over one-third of the area of the county. Thickness of veins, one to two feet; found on the surface and at the base of elevations; quality rather inferior; improves as the mines extend beneath the surface; use limited, as yet, to local, domestic and manufacturing purposes.

*Building Stone, etc.*—Excellent stone is found in abundance. Varieties: sand, lime and flag-stone. There are no salt marshes or springs, but salt water has been obtained by digging near Elk City, and satisfactory experimental results as to strength of fluid have been secured.

*Railroad Connections.*—The Leavenworth, Lawrence & Galveston Railroad enters the county near its northeast corner, and traverses the eastern part of the county in a southwesterly direction. Stations: Cherry Vale, Liberty and Coffeyville. A branch extends from Cherry Vale, a little south of west, to Independence.

*Agricultural Statistics.*—Acres in the county, 407,040; taxable acres, 862,917; under cultivation, 120,061.08; cultivated to taxable acres, 33.08 per cent.: increase of cultivated acres during the year, 28,493.08.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 22,405.50 | 21.00          | 470,515   | \$ .95 | \$446,989.25      |
| Rye.....bu.                   | 889.75    | 22.00          | 8,574     | .60    | 5,144.40          |
| Spring Wheat.....bu.          | 19.00     | 12.00          | 228       | .75    | 171.00            |
| Corn.....bu.                  | 87,639.00 | 43.00          | 1,580,838 | .20    | 316,167.60        |
| Barley.....bu.                | 30.00     | 27.00          | 810       | 1.25   | 988.30            |
| Oats.....bu.                  | 3,140.25  | 40.00          | 125,610   | .23    | 28,890.30         |
| Buckwheat.....bu.             | 68.75     | 30.00          | 1,375     | 1.05   | 1,443.75          |
| Potatoes, Irish.....bu.       | 785.04    | 100.00         | 78,504    | .25    | 19,626.00         |
| Sweet Potatoes.....bu.        | 108.43    | 155.00         | 16,807    | .80    | 13,445.60         |
| Sorghum.....gall.             | 873.95    | 125.00         | 109,244   | .45    | 49,159.80         |
| Castor Beans.....bu.          | 956.13    | 16.00          | 15,398    | 1.10   | 16,937.80         |
| Cotton.....bs.                | 423.90    | 200.00         | 84,698    | .10    | 8,469.80          |
| Flax.....bu.                  | 3,863.00  | 9.00           | 34,768    | 1.06   | 36,843.48         |
| Hemp.....bs.                  | 27.68     | 750.00         | 20,715    | .65    | 13,464.75         |
| Tobacco.....bs.               | 14.93     | 700.00         | 10,451    | .08    | 836.08            |
| Broom Corn.....bs.            | 245.37    | 815.00         | 199,977   | .06    | 11,998.62         |
| Millet and Hungarian.....tons | 737.50    | 2.87           | 2,174     | 5.00   | 10,870.00         |
| Timothy.....tons              | 371.75    | 1.25           | 464       | 6.00   | 2,784.00          |
| Clover.....tons               | 376.08    | 2.50           | 940       | 5.50   | 5,170.00          |
| Prairie.....tons              | 18,531.00 | 1.50           | 28,231    | 3.25   | 91,750.75         |

**EXTRAORDINARY YIELD:**—Statement of Benjamin Murphy, of Sycamore, Montgomery county:

I raised the past year, 1,350 bushels of winter wheat on 25 acres of ground, or at the rate of 54 bushels to the acre. It was the Fultz variety of wheat, drilled in between the 10th and 15th of October, and harvested the 16th of June. Soil, prairie bottom, sandy loam; the third crop on 10 acres, and the first crop on 15 acres. Nothing but wheat had been raised on the land before. The ground was plowed 10 inches deep. The wheat was rolled in the spring.

|                               |              |
|-------------------------------|--------------|
| Cost of plowing 25 acres..... | \$31.25      |
| Harrowing, 3 days, @ \$3..... | 9.00         |
| Drilling, 3 days, @ \$3.....  | 9.00         |
| Rolling, 2 days, @ \$3.....   | 6.00         |
| Cutting, @ \$2.25.....        | 56.25        |
| Threshing.....                | 172.50       |
|                               | <hr/> 284.00 |

*Dairy Products.*—Cheese manufactured in 1875, 6,820 lbs. Butter manufactured in 1875, 178,574 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,629; in 1875, 3,411: increase, 1,782. Mules and asses, in 1870, 829; in 1875, 614: increase, 285. Cattle, in 1870, 5,685; in 1875, 11,330: increase, 5,645. Sheep, in 1870, 674; in 1875, 2,187: increase, 1,513. Swine, in 1870, 1,065; in 1875, 6,515: increase, 5,450.

*Dogs.*—Number of dogs in the county, 1,466; number of sheep killed by dogs, 64; value of sheep killed by dogs, \$149.12. Number of sheep killed by wolves, 4; value of sheep killed by wolves, \$9.32.

*Horticulture.*—Acres of nurseries, 226.50; orchards, 3,514.08; vineyards, 138.

*Apiaculture.*—Number of stands of bees, 176; pounds of honey, 200; wax, 26.

*Fences.*—Stone, 5,801 rods; cost, \$18,052.25. Rail, 274,565 rods; cost, \$362,425.80. Board, 29,029 rods; cost, \$33,388.55. Wire, 30,900 rods; cost, \$21,630. Hedge, 222,508 rods; cost, \$111,254. Total rods of fence, 562,803; total cost, \$541,745.60.

*Water Powers.*—The Verdigris and Elk rivers furnish powers which are but partially utilized.

*Manufactures.*—Louisburg township, steam grist mill, capital \$600. Parker township, two steam saw mills, capital \$7,080. Cigar manufactory at Independence. There is a water-power flouring mill on the Verdigris, and one on Elk river. One steam saw mill in Caney township. One steam saw mill in Cherokee township. One steam saw mill and one water-power grist mill in Liberty township. One water and steam grist mill, and one steam grist mill in Parker township. One water-power grist mill, and one water-power saw mill, in Sycamore township. One vinegar factory, one cheese factory at Independence.

*Banks.*—Banking house of T. B. Eldridge, Coffeyville; Parker, York & Co., same place; Noah Eby & Co., same place. Montgomery County Bank, Independence; Turner & Otis, same place; Hull's Bank, same place. The total amount of capital of these banks is \$56,397.

*Newspapers.*—The *Journal*, Coffeyville; the *Southern Kansan* and *South Kansas Tribune*, published at Independence, all weekly; and the *Courier*, Independence, daily and weekly.

*Schools, etc.*—Organized school districts, 100; school houses, 96; value of school buildings and grounds, furniture and apparatus, \$107,846.

*Churches.*—Presbyterian: Organizations 2, membership 124, church edifices 1, valuation, \$7,300. Congregational: Organizations 2, membership 57, church edifices 1, valuation \$4,000. Baptist: Organizations 15, membership 409, church edifices 1, valuation \$1,800. Methodist: Organizations 27, membership 700, church edifices 1, parsonages 3, valuation of buildings \$3,000. Episcopal: Organizations 1, membership 30, church edifices 1, valuation \$4,000. Catholic: Organizations 3, membership 410, church edifices 2, valuation \$2,000.

*Libraries.*—There are, in six townships, 47 private libraries, containing 1,337 volumes.

*Lands.*—The unsold lands are shown in the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$2,198; poultry and eggs sold, \$3,215.50; pounds of wool produced, 5,207.

Prices of unoccupied land range from \$2 to \$6 per acre.

Organized in 1858. Named in honor of Thomas Morris, a United States Senator, from Ohio, who became prominent as an anti-slavery leader, and as a candidate of that party for Vice-President. He died in 1844. The county was first named Wise, in honor of Henry A. Wise, of Virginia. Square miles, 700. Population to square mile, 6.65. Population in 1860, 770; in 1870, 2,225: increase in ten years, 1,455; population in 1875, 4,597: increase in five years, 2,372: increase in fifteen years, 3,827.

**Legend:**

- K.P.R.R. Lands
- M.K. & T.R.R. Lands
- A.T. & S.F.R.R. Lands
- Government Lands

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|-------|-----------------------|------|
| Clark's Creek .....   | 135  | Council Grove .....   | 1,005 | Diamond Valley .....  | 156  |
| Elm Creek .....       | 523  | Highland .....        | 287   | Neosho .....          | 524  |
| Otto .....            | 304  | Parker .....          | 601   | Rolling Prairie ..... | 393  |
| Valley .....          | 669  |                       |       |                       |      |

*Nativity.*—Born in the United States, 3,991; in Germany, 133; in Ireland, 57; in England and Wales, 169; in Scotland, 21; in Sweden, Norway and Denmark, 120; in France, 11; in North of Europe, 1; in South of Europe, 39; in British America, 50; in countries not specified, 5.

*Sex.*—Males 2,488; females, 2,109.

#### WHERE FROM TO KANSAS.

|                    |     |                     |     |                            |     |
|--------------------|-----|---------------------|-----|----------------------------|-----|
| Arkansas.....      | 10  | Minnesota.....      | 32  | Vermont.....               | 4   |
| California.....    | 7   | Mississippi.....    | 2   | Virginia.....              | 57  |
| Colorado.....      | 7   | Missouri.....       | 542 | Wisconsin.....             | 118 |
| Connecticut.....   | 7   | Nebraska.....       | 13  | Dist. of Columbia and the  |     |
| Georgia.....       | 1   | New Hampshire.....  | 3   | Territories.....           | 8   |
| Illinois.....      | 805 | New Jersey.....     | 30  | Germany.....               | 43  |
| Indiana.....       | 189 | New York.....       | 117 | Ireland.....               | 6   |
| Iowa.....          | 268 | North Carolina..... | 2   | England and Wales.....     | 86  |
| Kentucky.....      | 160 | Ohio.....           | 469 | Scotland.....              | 6   |
| Louisiana.....     | 2   | Oregon.....         | 1   | Sweden, Norway and Den-    |     |
| Maine.....         | 18  | Pennsylvania.....   | 110 | mark.....                  | 57  |
| Maryland.....      | 12  | Rhode Island.....   | 8   | Other North of Europe..... | 36  |
| Massachusetts..... | 4   | Tennessee.....      | 129 | British America.....       | 27  |
| Michigan.....      | 140 | Texas.....          | 32  | .....                      |     |

Born in Kansas, 1,047; not otherwise stated, 22

*Occupation.*—There are 823, or 66.4 per cent., engaged in Agriculture; 192, or 15.4 per cent., in Professional and Personal service; 76, or 6.1 per cent., in Trade and Transportation; 148, or 11.9 per cent., in Manufactures and Mining.

*County Seat.*—Council Grove, the county seat, is 52 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 5 per cent.; prairie, 95 per cent. Average width of bottoms, one mile, well-defined water-sheds, having an east-and-west direction; general surface of the country, undulating; there are, however, valuable limestone bluffs and fine bottom lands,

*Timber.*—Average width of timber belts, one-quarter mile. Varieties: walnut, oak, cottonwood, hackberry, elm and sycamore.

*Principal Streams.*—The Neosho river rises in the northwest and flows through the county in a southeasterly direction: Munkres, Little John, Big John and Rock creeks are its tributaries from the north; and Elm, Four-Mile and Kahola creeks from the south. Clark's creek, a tributary of the Smoky Hill, rises in the west and flows 10 miles through the country in a northerly direction; and Diamond creek rises in the west and flows through it in a southerly direction. The county has many very fine springs, among them the famous Diamond Springs and Hill Springs; good well water obtained at a depth of from 10 to 40 feet.

*Coal.*—None has been developed.

*Building Stone, etc.*—Fine magnesian limestone is found on nearly every quarter section. Red ochre in abundance is found in several localities in the county; it has been tested, and is said to be excellent. Fire and pottery clay said to be found in quantities, but it has not been tested; gypsum found in several boulders in limited quantities, but not pure.

*Railroad Connections.*—The Missouri, Kansas and Texas Railroad traverses the county from northwest to southeast. Principal stations: Skiddy, Parkerville and Council Grove.

*Agricultural Statistics.*—Acres in the county, 448,000; taxable acres, 257,266; under cultivation, 60,115.78; cultivated to taxable acres, 23.32 per cent.: increase of cultivated acres during the year, 40,998.78.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 8,947.50  | 20.00          | 178,950  | \$ .99 | \$178,720.50      |
| Rye.....bu.                   | 1,698.75  | 20.00          | 33,975   | .50    | 16,987.50         |
| Spring Wheat.....bu.          | 3,039.25  | 12.00          | 36,471   | .42½   | 15,500.17         |
| Corn.....bu.                  | 11,248.25 | 41.00          | 461,178  | .24    | 110,682.72        |
| Barley.....bu.                | 712.00    | 24.00          | 17,088   | 1.25   | 21,360.00         |
| Oats.....bu.                  | 3,718.75  | 39.00          | 145,031  | .23    | 33,357.13         |
| Buckwheat.....bu.             | 16.00     | 20.00          | 320      | .95    | 304.00            |
| Potatoes, Irish.....bu.       | 210.86    | 100.00         | 21,036   | .30    | 6,310.80          |
| Sweet Potatoes.....bu.        | 8.00      | 160.00         | 1,280    | .87½   | 1,120.00          |
| Sorghum.....gall.             | 168.75    | 100.00         | 16,875   | .47½   | 8,015.62          |
| Castor Beans.....bu.          | 126.75    | 15.00          | 1,901    | .95    | 1,805.95          |
| Cotton.....lbs.               | 5.25      | 75.00          | 394      | .08    | 31.52             |
| Flax.....bu.                  | 109.00    | 11.00          | 1,199    | 1.00   | 1,199.00          |
| Hemp.....lbs.                 |           |                |          |        |                   |
| Tobacco.....lbs.              | 2.12      | 650.00         | 1,378    | .07    | 96.46             |
| Broom Corn.....lbs.           | 617.00    | 720.00         | 444,240  | .04    | 17,769.60         |
| Millet and Hungarian.....tons | 1,301.25  | 8.00           | 2,602    | 4.25   | 11,058.50         |
| Timothy.....tons              | 53.00     | 1.00           | 53       | 7.50   | 397.50            |
| Clover.....tons               | 4.00      | 2.50           | 10       | 6.75   | 67.50             |
| Prairie.....tons              | 8,627.00  | 1.25           | 10,784   | 3.00   | 32,352.00         |

*Dairy Products.*—Cheese manufactured in 1870, 1,700 lbs.; in 1875, 6,006 lbs.: increase, 4,306 lbs. Butter manufactured in 1870, 30,590 lbs.; in 1875, 68,040 lbs.: increase, 37,450 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,033; in 1875, 2,026: increase, 993. Mules and asses, in 1870, 121; in 1875, 195: increase, 74. Cattle, in 1870, 3,604; in 1875, 6,587: increase, 2,983. Sheep, in 1870, 682; in 1875, 710: increase, 28. Swine, in 1870, 642; in 1875, 1,244: increase, 602.

*Dogs.*—Number of dogs in the county, 691; number of sheep killed by dogs, 43; value of sheep killed by dogs, \$100.19. Number of sheep killed by wolves, 15; value of sheep killed by wolves, \$34.95.

*Horticulture.*—Acres of nurseries, 8; orchards, 470.50; vineyards, 89.

*Apiculture.*—Number of stands of bees, 5; pounds of honey, 140.

*Fences.*—Stone, 8,871 rods; cost, \$24,395.25. Rail, 56,809 rods; cost, \$78,112.37. Board, 18,732 rods; cost \$26,224.80. Wire, 8,400 rods; cost, 7,140. Hedge, 11,249 rods; cost, \$6,186.95. Total rods of fence, 104,061; total cost, \$142,059.37.

*Herd Law.*—The herd law was put in force throughout this county in September, 1875. One writer says: "The effect is good" and he anticipates large benefits from it. Another writer says: "The people had become accustomed to the township herd law, and it seemed to work well; but I do not think the county herd law will do well at present."

*Water Powers.*—There are good powers on the Neosho. There is one mill at Council Grove, and another being erected on the Kaw reserve.

*Manufactures.*—Two steam grist mills, steam saw mill, water-power grist mill, and one cheese factory, the latter in Elm Creek township. Two saw mills in Neosho township. One water-power and three steam saw mills in Valley township. One water-power and one steam grist mill in Council Grove. Parker township, one steam saw and grist mill. One brick yard, one lime kiln, and a salt well at Council Grove.

*Banks.*—The First National Bank of Council Grove, capital \$50,000.

*Business Houses of Principal Town.*—Agricultural implements and wagons, 2; books, periodicals and stationery, 1; boots and shoes, 3; clothing and tailoring, 1; confectionery, 3; carriage depository, 1; dry goods, 8; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 4; gunsmith, 1; hardware, 2; hats and caps,

8; jewelry, clocks, watches, etc., 1; coffins and caskets, 1; cabinet manufactory, 1; lumber, 2; music and musical instruments, 1; millinery, 1; general country stores, 4; queensware, 3; saddles and harness, 1; sewing machines, 3; tin shop, 1; photographer, 1; vinegar factory, 1; brick yard, 1; bakery, 1; blacksmithing, 4.

*Newspapers.*—*Morris County Republican* and *Council Grove Democrat*, published weekly at Council Grove.

*Schools, etc.*—Organized school districts, 44; school houses, 40; value of school buildings and grounds, furniture and apparatus, \$52,000.

*Churches.*—Presbyterian: Organizations 2, membership 45. Congregational: Organizations 4, membership 97, church edifices 1, valuation \$4,500. Baptist: Organizations 2, membership 75. United Presbyterian: Organizations 1, membership 20. Methodist: Organizations 1, membership 111. Catholic: Organizations 2, membership 150.

*Libraries.*—Six townships return 35 private libraries, containing 3,398 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$216; poultry and eggs sold, \$1,418.50; pounds of wool produced, 2,597.

*Wages.*—Farm laborers, per month, with board, \$10 to \$18; laborers in cities or on public improvements, per day, 75c. to \$1.25; carpenters, per day, \$1.50 to \$2; bricklayers and stonemasons, per day, \$2 to \$4; house painters, per day, \$2 to \$3; wagon makers, per day, \$1.50 to \$3; blacksmiths, per day, \$1.50 to \$3; shoemakers, per day, \$1.50 to \$3; harness makers, per day, \$2 to \$3; clerks, per month, \$30 to \$60; tanners, per day, \$2 to \$3.

Prices of unoccupied land range from \$2 to \$7 per acre.

## NEMAHA COUNTY.

Organized in 1855. Named for the river Nemaha, one of whose tributaries drains the northern half of the county, running northward into Nebraska. Square miles, 720. Population to square mile, 10 98. Population in 1860, 2,436; in 1870, 7,339; increase in ten years, 4,903. Population in 1875, 7,909; increase in five years, 570; increase in fifteen years, 5,478.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

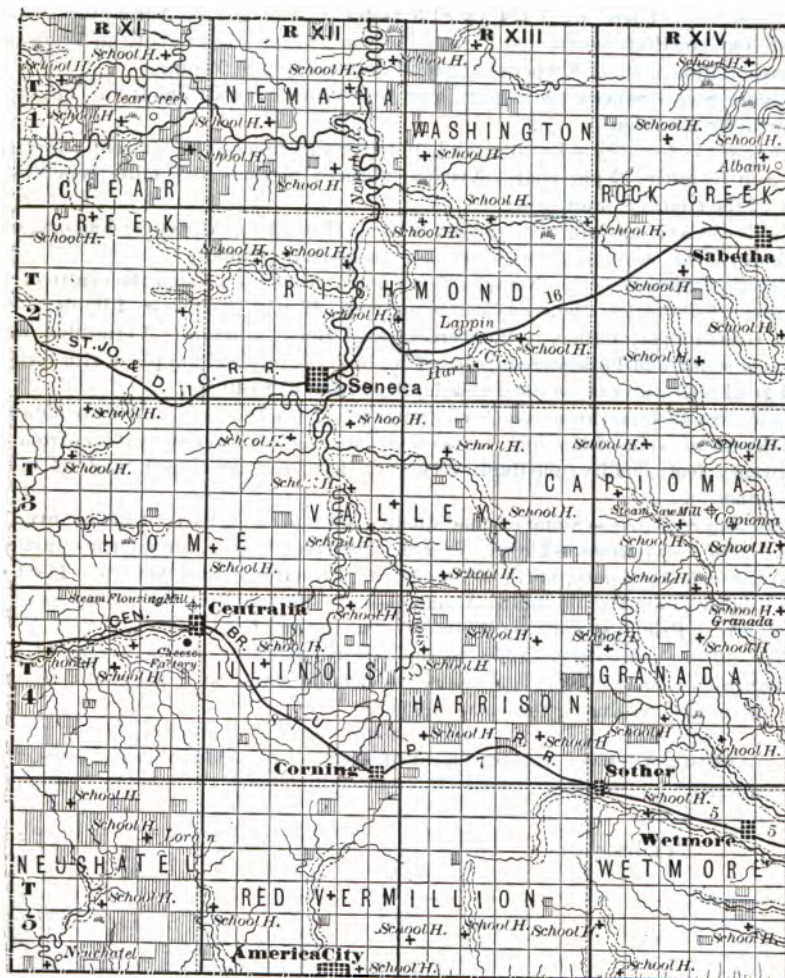
| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|-------|-----------------------|------|
| Caploma .....         | 533  | Clear Creek .....     | 475   | Granada .....         | 408  |
| Harrison .....        | 367  | Home .....            | 655   | Illinois .....        | 363  |
| Nemaha .....          | 408  | Neuchatel .....       | 347   | Red Vermillion .....  | 511  |
| Richmond .....        | 808  | Rock Creek .....      | 1,135 | Valley .....          | 370  |
| Washington .....      | 302  | Wetmore .....         | 422   | City of Seneca .....  | 805  |

*Nativity.*—Born in the United States, 6,599; in Germany, 447; in Ireland, 220; in England and Wales, 177; in Scotland, 46; in Sweden, Norway and Denmark, 47; in France, 40; in North of Europe, 88; in Italy, 21; in South of Europe, 107; in British America, 164; in countries not specified, 3.

*Sex.*—Males, 4,090; females, 3,819.



MAP OF NEMAHA COUNTY, KANSAS, 1875.



## WHERE FROM TO KANSAS.

|               |       |                |     |                                       |     |
|---------------|-------|----------------|-----|---------------------------------------|-----|
| Alabama       | 4     | Minnesota      | 30  | West Virginia                         | 7   |
| Arkansas      | 5     | Mississippi    | 2   | Wisconsin                             | 379 |
| California    | 13    | Missouri       | 784 | Dist. of Columbia and the Territories | 15  |
| Colorado      | 1     | Nebraska       | 100 | Germany                               | 78  |
| Connecticut   | 22    | Nevada         | 14  | Ireland                               | 11  |
| Delaware      | ---   | New Hampshire  | 18  | England and Wales                     | 76  |
| Georgia       | 25    | New Jersey     | 7   | Scotland                              | 29  |
| Illinois      | 1,329 | New York       | 352 | Sweden, Norway and Denmark            | 20  |
| Indiana       | 443   | North Carolina | --- | France                                | 1   |
| Iowa          | 661   | Ohio           | 537 | Other North of Europe                 | 5   |
| Kentucky      | 8     | Pennsylvania   | 242 | Other South of Europe                 | 54  |
| Louisiana     | 8     | South Carolina | 2   | British America                       | 109 |
| Maine         | 8     | Tennessee      | 20  |                                       |     |
| Maryland      | 2     | Texas          | 8   |                                       |     |
| Massachusetts | 47    | Vermont        | 19  |                                       |     |
| Michigan      | 139   | Virginia       | 27  |                                       |     |

Born in Kansas, 2,245; not otherwise stated, 44.

*Occupation.*—There are 1,454, or 81.3 per cent., engaged in Agriculture; 90, or 5 per cent., in Professional and Personal service; 84, or 4.7 per cent., in Trade and Transportation; 160, or 8.9 per cent., in Manufactures and Mining.

*County Seat.*—Seneca, the county seat, is 59 miles in an air line from Topeka, in a northerly direction.

*Face of the Country.*—Bottom land, 10 per cent.; upland, 90 per cent.; forest, 3 per cent.; prairie, 97 per cent. Average width of bottoms, one mile; general surface of the country, undulating.

*Timber.*—Average width of timber belts, half a mile. Varieties: hickory, oak, hackberry, elm, walnut, cottonwood, ash, locust and sycamore.

*Principal Streams.*—The Nemaha flows north 20 miles through the centre of the county. Tributaries: Deer creek, flowing west; Harris, northwest; Illinois, southeast; Grasshopper, southeast; Pony creek, east; Rock, northeast; Vermillion, west; French, south, and Turkey creek, east. The county is very well supplied with springs, and good well water is obtained at a depth of from 35 to 40 feet.

*Coal.*—Small quantities have been found along the Nemaha and its tributaries. Thickness of veins from four to thirteen inches; depth below surface, from six to twenty feet; quality, medium: very little has been developed, and its use is altogether local.

*Building Stone, etc.*—Stone of good quality is found in all parts of the county.

*Railroad Connections.*—The St. Joseph & Denver City Railroad runs east and west through the county, north of the centre. Principal station, Seneca. The Central Branch Union Pacific Railroad runs east and west through the county, south of the centre. Principal stations: Wetmore, Corning and Centralia.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 432,401; under cultivation, 83,714.34; cultivated to taxable acres, 19.36 per cent.: increase of cultivated acres during the year, 22,930.34.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 1,738.25  | 20.00          | 35,065    | \$ .98 | \$ 34,363.70      |
| Rye.....bu.                   | 1,023.00  | 18.00          | 18,414    | .60    | 11,048.40         |
| Spring Wheat.....bu.          | 5,573.75  | 10.00          | 55,737    | .78    | 43,490.46         |
| Corn.....bu.                  | 36,906.00 | 42.00          | 1,550,052 | .25    | 387,513.00        |
| Barley.....bu.                | 503.00    | 28.00          | 14,084    | 1.25   | 17,605.00         |
| Oats.....bu.                  | 5,325.45  | 35.00          | 186,391   | .25    | 46,597.75         |
| Buckwheat.....bu.             | 1,146.25  | 20.00          | 22,925    | .95    | 21,778.75         |
| Potatoes, Irish.....bu.       | 596.50    | 117.00         | 62,770    | .28    | 17,575.60         |
| Sweet Potatoes.....bu.        | .37       | 145.00         | 54        | .90    | 48.60             |
| Sorghum.....gall.             | 215.00    | 110.00         | 33,980    | .40    | 9,592.00          |
| Castor Beans.....bu.          | 23.00     | 13.00          | 299       | 1.10   | 328.90            |
| Cotton.....lbs.               |           |                |           |        |                   |
| Flax.....bu.                  | 1,512.27  | 8.00           | 12,098    | 1.05   | 12,702.90         |
| Tobacco.....lbs.              | 3.50      | 680.00         | 2,380     | .07½   | 178.50            |
| Broom Corn.....lbs.           | 52.75     | 775.00         | 40,881    | .07    | 2,861.67          |
| Millet and Hungarian.....tons | 1,804.75  | 2.75           | 4,963     | 5.00   | 24,815.00         |
| Timothy.....tons              | 121.25    | 1.00           | 121       | 6.00   | 726.00            |
| Clover.....tons               | 27.25     | 2.75           | 75        | 6.00   | 450.00            |
| Prairie.....tons              | 15,835.00 | 1.25           | 19,794    | 3.25   | 64,330.50         |

*Dairy Products.*—Cheese manufactured in 1870, 28,285 lbs.; in 1875, 798,850 lbs.: increase, 770,565 lbs. Butter manufactured in 1870, 200,460 lbs.; in 1875, 270,275 lbs.: increase, 69,815 lbs.

*Farm Animals.*—Number of horses in 1870, 3,307; in 1875, 4,975: increase, 1,668.



Mules and asses, in 1870, 156; in 1875, 276: increase, 120. Cattle, in 1870, 9,221; in 1875, 19,242: increase, 10,021. Sheep, in 1870, 3,591; in 1875, 1,171: decrease, 2,420. Swine, in 1870, 4,119; in 1875, 5,471: increase, 1,352.

*Dogs.*—Number of dogs in the county, 1,575; number of sheep killed by dogs, 149; value of sheep killed by dogs, \$347.17. Number of sheep killed by wolves, 134; value of sheep killed by wolves, \$312.22.

*Horticulture.*—Acres of nurseries, 9; orchards, 1,525; vineyards, 20.25.

*Apiaculture.*—Number of stands of bees, 96; pounds of honey, 107; wax, 80.

*Fences.*—Stone, 8,958 rods; cost, \$21,275.25. Rail, 259,322 rods; cost, \$350,074.70. Board, 85,691 rods; cost, \$109,256.02. Wire, 35,300 rods; cost, \$26,475. Hedge, 56,181 rods; cost, \$25,843.26. Total rods of fence, 445,453; total cost, \$532,924.23.

*Water Powers.*—The water power is limited; two mills are but partially supplied.

*Manufactures.*—Nemaha township, steam saw mill, capital \$1,000. Richmond township, steam flouring mill, capital \$15,000. Home township, steam flouring mill, capital \$12,000. A brewery at Seneca. One steam grist mill in Rock Creek township. Neuchatel township, one steam flouring mill. A cheese factory in Home township.

*Banks.*—The State Bank of Kansas, Seneca; Sabetha Exchange Bank, Sabetha, the aggregate capital of the two being \$57,877.30.

*Business Houses of Principal Town.*—Agricultural implements, 3; books, periodicals and stationery, 2; boots and shoes, 4; clothes and tailoring, 1; confectionery, 1; dry goods, 6; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 1; hardware, 3; jewelry, clocks, watches, etc., 2; lumber, 2; saddles and harness, 2.

*Newspapers.*—The *Courier*, Seneca, and the *Advance*, Sabetha; weekly.

*Schools, etc.*—Organized school districts, 77; school houses, 74; value of school buildings and grounds, furniture and apparatus, \$70,553; parochial school (Catholic), at Seneca.

*Churches.*—Presbyterian: Organizations 1, membership 32, church edifices 1, valuation \$2,200. Congregational: Organizations 6, membership 220, church edifices 3, valuation \$11,600. Baptist: Organizations 4, membership 180, church edifices 1, valuation \$2,500. Methodist: Organizations 4, membership 405, church edifices 2, valuation \$6,600. Episcopal: Organizations 1, membership 6. Catholic: Organizations 5, membership 675, church edifices 1, valuation \$2,000. Universalist: Organizations 1, membership 25, church edifices 1, valuation \$9,800.

*Libraries.*—Of 14 townships, three report five public libraries, with 2,200 volumes, and 48 private, with 5,242 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$395; poultry and eggs sold, \$3,659. Pounds of wool produced, 3,968.

Prices of unoccupied land range from \$3.50 to \$12 per acre.

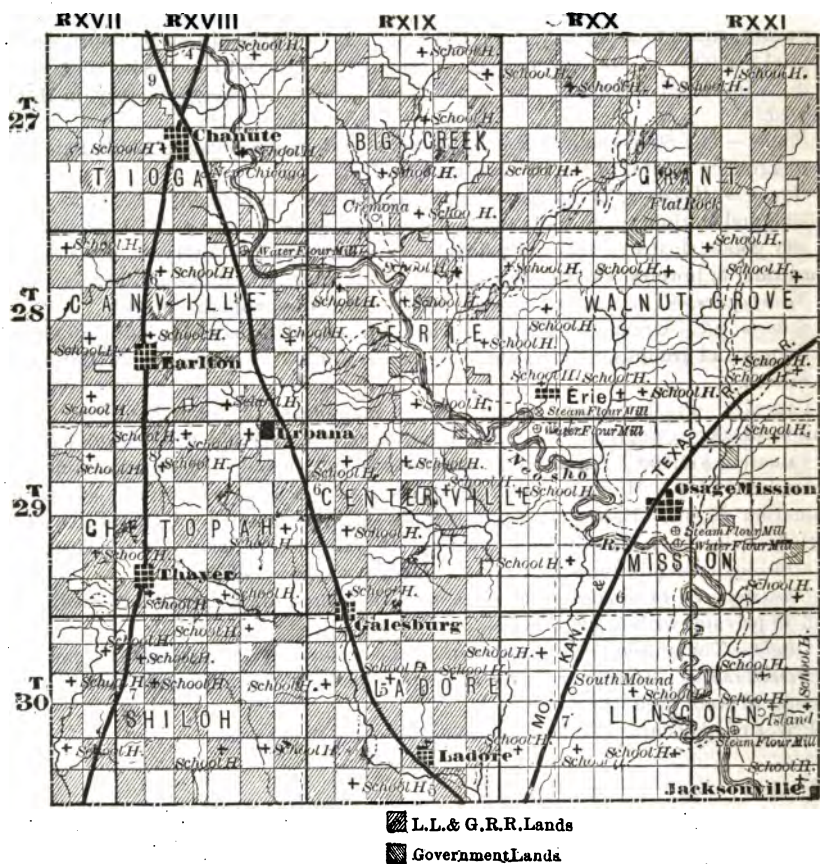
## NEOSHO COUNTY.

Organized in 1864. Named for the Neosho river, one of the principal streams of Southern Kansas. The name was given the stream by the Osage tribe of Indians. Square miles, 576. Population to square mile, 19.22. Population in 1860, 88; in 1870, 10,206: increase in ten years, 10,118; population in 1875, 11,076: increase in five years, 870: increase in fifteen years, 10,988.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|------|-----------------------|-------|
| Big Creek.....        | 755   | Canville .....        | 513  | Centreville.....      | 794   |
| Chetopa.....          | 522   | Thayer City.....      | 146  | Erie.....             | 1,113 |
| Grant.....            | 685   | Ladore .....          | 771  | Lincoln .....         | 944   |
| Osage Mission.....    | 1,230 | Mission .....         | 915  | Shiloh .....          | 523   |
| Tioga .....           | 719   | Chanute .....         | 448  | Walnut Grove.....     | 993   |

## MAP OF NEOSHO COUNTY, KANSAS, 1875.



*Nativity.*—Born in the United States, 10,188; in Germany, 134; in Ireland, 303; in England and Wales, 80; in Scotland, 37; in Sweden, Norway and Denmark, 98; in France, 25; in North of Europe, 3; in Italy, 1; in South of Europe, 32; in British America, 170; in countries not specified, 5.

*Sex.*—Males, 5,883; females, 5,193.

## WHERE FROM TO KANSAS.

|                    |       |                     |       |                            |     |
|--------------------|-------|---------------------|-------|----------------------------|-----|
| Alabama.....       | 10    | Minnesota.....      | 88    | West Virginia.....         | 6   |
| Arkansas.....      | 64    | Mississippi.....    | 16    | Wisconsin.....             | 154 |
| California.....    | 23    | Missouri.....       | 1,468 | Dist. of Columbia and the  |     |
| Colorado.....      | 16    | Nebraska.....       | 76    | Territories.....           | 16  |
| Connecticut.....   | 6     | New York.....       | 145   | Germany.....               | 13  |
| Georgia.....       | 11    | North Carolina..... | 5     | Ireland.....               | 12  |
| Illinois.....      | 3,067 | Ohio.....           | 521   | England and Wales.....     | 11  |
| Indiana.....       | 1,489 | Oregon.....         | 2     | Scotland.....              | 3   |
| Iowa.....          | 845   | Pennsylvania.....   | 141   | Sweden, Norway and Den-    |     |
| Kentucky.....      | 237   | Rhode Island.....   | 1     | mark.....                  | 61  |
| Louisiana.....     | 1     | South Carolina..... | 2     | France.....                | 5   |
| Maine.....         | 2     | Tennessee.....      | 31    | Other North of Europe..... | 17  |
| Maryland.....      | 24    | Texas.....          | 32    | Other South of Europe..... | 1   |
| Massachusetts..... | 28    | Vermont.....        | 14    | British America.....       | 91  |
| Michigan.....      | 117   | Virginia.....       | 43    | .....                      | --- |

Born in Kansas, 2,201; not otherwise stated, 12.

*Occupation.*—There are 1,978, or 72.3 per cent., engaged in Agriculture; 342, or 12.1 per cent., in Professional and Personal service; 167, or 6.1 per cent., in Trade and Transportation; 246, or 9 per cent., in Manufactures and Mining.

*County Seat.*—Erie, the county seat, is 103 miles in an air line from Topeka, in a southerly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 9 per cent.; prairie, 91 per cent. Average width of bottoms, about 2½ miles; general surface of the country, undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: black walnut, oak, cottonwood, hackberry, elm, hickory, pecan and maple.

*Principal Streams.*—The Neosho river enters the county on the northwest corner, and traverses the county in a southeasterly direction. Tributaries on the east, Vegetarian, Big Creek, Canville, Four-Mile, Flat Rock and Walnut, all running southwest; on the west, Village, Turkey, Elk and Augustus, running southeast. On the east side of the county, Labette creek runs nearly due south. Chetopa and Big Hill creeks are in the southwestern corner of the county. The county is not well supplied with springs; good well water is obtained at a depth of 20 feet.

*Coal.*—Coal has been discovered, underlying 10 per cent. of the area of the county. Thickness, 13 inches; quality, good; used mainly for domestic purposes. Mines near Thayer are worked. Lieut.-Gov. M. J. Salter states that there has been mined during the past year in section 6, township 30, range 18, 62,500 tons. It sells for \$3.50 per ton; bituminous. It is also found in sections 7, 8, 9, and 16.

*Building Stone, etc.*—A good quality of stone abounds in every township. Varieties: blue and yellow limestone and sandstone. Traces of lead have been found in one township.

*Railroad Connections.*—The Missouri, Kansas & Texas Railroad enters the county near the northwestern corner, and traverses its entire extent in a southeasterly direction. A branch of the same road, extending from Parsons, Kansas, to Sedalia, Missouri, via Fort Scott, runs in a northeasterly direction across the southeastern portion of the county. The Leavenworth, Lawrence & Galveston Railroad traverses the entire extent of the county from north to south, nearly through the centre of the western tier of townships. Principal stations on the Missouri, Kansas & Texas: Chanute, Urbana, Galesburgh and Ladore; on its branch road, Osage Mission. On the Leavenworth, Lawrence & Galveston: Chanute, Earleton and Thayer.

*Agricultural Statistics.*—Acres in the county, 368,640; taxable acres, 357,910; under cultivation, 137,721.45; cultivated to taxable acres, 38.47 per cent.: increase of cultivated acres during the year, 66,047.45.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 10,960.00 | 17.00          | 186,320   | \$ .95 | \$177,004.00      |
| Rye.....bu.                   | 261.20    | 17.00          | 4,440     | .60    | 2,664.00          |
| Spring Wheat.....bu.          | 8.00      | 12.00          | 96        | .70    | 67.20             |
| Corn.....bu.                  | 50,111.00 | 42.00          | 2,104,662 | .27    | 568,258.74        |
| Barley.....bu.                | 2.00      | 22.00          | 44        | 1.25   | 55.00             |
| Oats.....bu.                  | 4,304.00  | 32.00          | 137,728   | .22½   | 30,988.80         |
| Buckwheat.....bu.             | 342.25    | 20.00          | 6,845     | .85    | 5,818.25          |
| Potatoes, Irish.....bu.       | 854.33    | 150.00         | 128,149   | .37½   | 48,055.87         |
| Sweet Potatoes.....bu.        | 62.18     | 160.00         | 9,949     | 1.05   | 10,446.45         |
| Sorghum.....gall.             | 950.82    | 100.00         | 95,082    | .35    | 33,278.70         |
| Castor Beans.....bu.          | 3,591.56  | 15.00          | 53,873    | 1.05   | 56,566.65         |
| Cotton.....bs.                | 115.67    | 75.00          | 8,675     | .08    | 694.00            |
| Flax.....bu.                  | 2,661.60  | 8.00           | 21,293    | 1.12½  | 23,954.63         |
| Tobacco.....bs.               | 11.71     | 690.00         | 8,121     | .07    | 568.47            |
| Broom Corn.....bs.            | 125.07    | 780.00         | 97,555    | .05    | 4,877.75          |
| Millet and Hungarian.....tons | 1,138.50  | 2.75           | 3,131     | 3.50   | 10,958.50         |
| Timothy.....tons              | 99.50     | 1.00           | 99        | 6.00   | 594.00            |
| Clover.....tons               | 11.00     | 2.75           | 30        | 5.50   | 165.00            |
| Prairie.....tons              | 22,517.00 | 1.25           | 28,146    | 3.00   | 84,438.00         |

*Dairy Products.*—Cheese manufactured in 1870, 30 lbs.; in 1875, 2,094 lbs.: increase, 2,064 lbs. Butter manufactured in 1870, 59,025 lbs.; in 1875, 187,721 lbs.: increase, 128,696 lbs.

*Farm Animals.*—Number of horses in 1870, 1,981; in 1875, 4,008: increase, 2,027. Mules and asses in 1870, 215; in 1875, 515: increase, 300. Cattle in 1870, 7,846; in 1875, 12,431: increase, 4,575. Sheep in 1870, 1,712; in 1875, 2,242: increase, 530. Swine in 1870, 2,700; in 1875, 4,667: increase, 1,967.

*Dogs.*—Number of dogs in the county, 1,701; number of sheep killed by dogs, 146; value of sheep killed by dogs, \$340.18. Number of sheep killed by wolves, 17; value of sheep killed by wolves, \$39.61.

*Horticulture.*—Acres of nurseries, 38.22; orchards, 3,545.96; vineyards, 40.18.

*Apiaculture.*—Number of stands of bees, 109; pounds of honey, 276; wax, 47.

*Fences.*—Stone, 1,941 rods; cost, \$5,580.37. Rail, 328,184 rods; cost, \$443,048.40. Board, 27,466 rods; cost, \$22,959.20. Wire, 35,700 rods; cost, \$28,560. Hedge, 210,025 rods; cost, \$98,711.75. Total rods of fence, 603,816; total cost, \$608,859.72.

*Herd Law.*—The herd law has been in force for the last three years throughout the county. A reporter writes: "It enhances the grain growing interest and diminishes stock raising; for the last two years I think it has been detrimental to the county."

*Water Powers.*—The Neosho river affords good natural facilities, which have not yet been largely taken advantage of. One dam has been built, and another is being constructed.

*Manufactures.*—Canville township, water-power flouring mill. At Chanute, one brewery, two steam saw mills. City of Osage Mission, two steam flouring mills, two elevators and one saw mill. Mission township, one cheese factory. Centreville township, one water-power flouring mill. Lincoln township, one steam flouring and saw mill and one steam saw mill. Tioga township, one flouring mill. Erie township, two flouring mills, one flouring and saw mill, one saw mill, one shingle factory.

*Banks.*—Neosho County Savings Bank, Osage Mission; banking house of M. Bailey & Co., Chanute, and C. T. Ewing, Thayer; the total capital being \$19,400.

*Newspapers.*—There are three weekly newspapers: *Times*, published at Chanute; *Journal*, at Osage Mission; *Headlight*, at Thayer.

*Schools, etc.*—Organized school districts, 98; school houses, 90; value of school

buildings and grounds, furniture and apparatus, \$86,284; parochial schools at Ladore and Osage Mission; industrial school for boys at Osage Mission, conducted by the Jesuit Fathers; parish school for girls at same place, conducted by Sisters of Loreto.

*Churches.*—Presbyterian: Organizations 4, membership 90, church edifices 1, valuation \$3,000. Baptist: Organizations 4, membership 150, church edifices 2, valuation \$2,800. United Presbyterian: Organizations 1, membership 22, Methodist: Organizations 26, membership 1,123, church edifices 2, parsonages 2, valuation \$7,800. Episcopal: Organizations 1, membership 15, church edifices 1, valuation \$1,000. Catholic: Organizations 6, membership 3,495, church edifices 1, valuation \$20,000.

*Libraries.*—Reports from seven townships give one public library, containing 220 volumes, and 70 private libraries, containing 5,900 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$2,968.50; poultry and eggs sold, \$4,227.95; pounds of wool produced 6,270.

*Wages.*—Farm laborers, per month, with board, \$12 to \$18; laborers in cities or on public improvements, per day, \$1.25 to \$1.75; carpenters, per day, \$2.50 to \$3; house painters, per day, \$2 to \$3; wagon makers, per day, \$1.50 to \$2; blacksmiths, per day, \$1.50 to \$2.50; shoemakers, per day, \$1.50 to \$2; harness makers, per day, \$1 to \$2.50; tailors, per day, \$2 to \$3; clerks, per month, \$50 to \$75; tinner, per day, \$1.50 to \$2.

Vacant lands range from \$1.25 to \$4 per acre.

## NORTON COUNTY.

Organized in 1872. Named in honor of Orloff Norton, Captain of Company L, Fifteenth Kansas Cavalry, who was killed November 11th, 1864, at Cane Hill, Arkansas. Square miles, 900. Population to square mile, .99. Population in 1875, 899.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Almina .....          | 310  | Centre .....          | 340  | Solomon .....         | 249  |

*Nativity.*—Born in the United States, 844; in Germany, 16; in Ireland, 6; in England and Wales, 6; in Scotland, 2; in Sweden, Norway and Denmark, 6; in British America, 19.

*Sex.*—Males, 524; females, 375.

### WHERE FROM TO KANSAS.

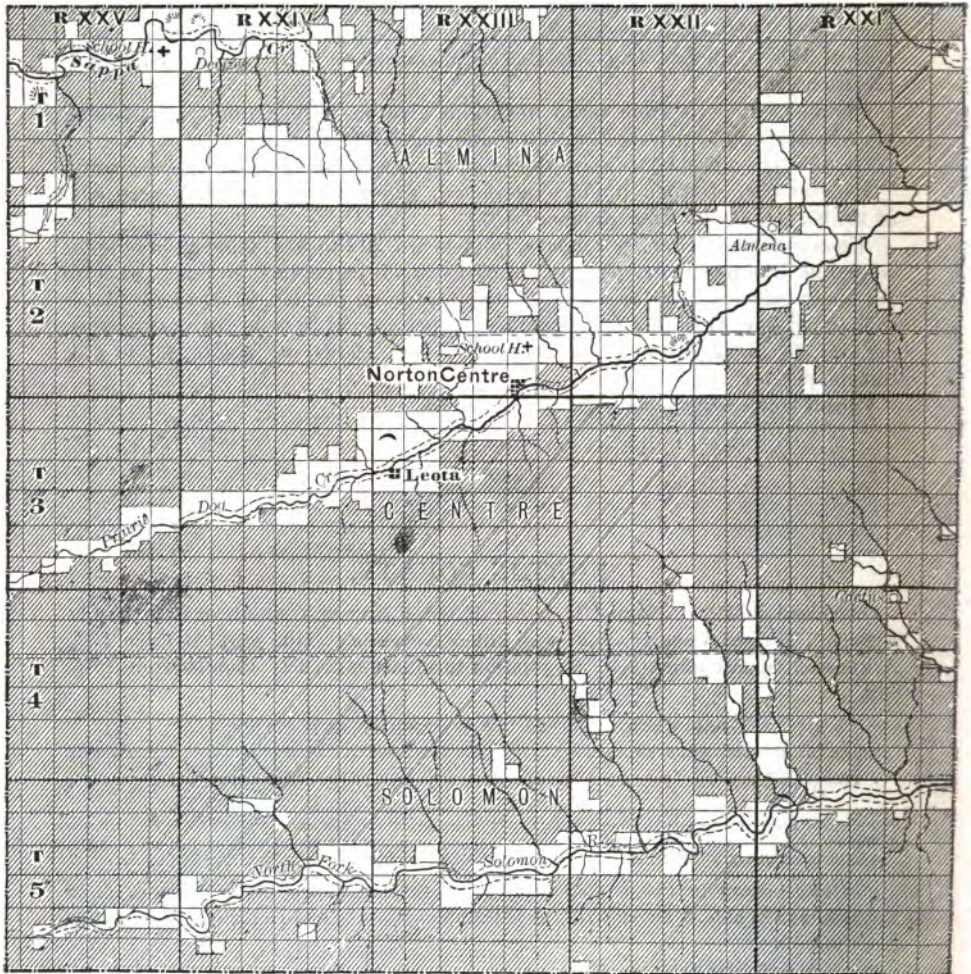
|                  |     |                    |     |                                             |   |
|------------------|-----|--------------------|-----|---------------------------------------------|---|
| California ..... | 2   | Nebraska .....     | 128 | Dist. of Columbia and the Territories ..... | 1 |
| Illinois .....   | 119 | New York .....     | 9   | Germany .....                               | 1 |
| Indiana .....    | 41  | Ohio .....         | 12  | Sweden, Norway and Denmark .....            | 1 |
| Iowa .....       | 301 | Pennsylvania ..... | 13  | British America .....                       | 8 |
| Kentucky .....   | 10  | Tennessee .....    | 2   |                                             |   |
| Michigan .....   | 29  | Texas .....        | 2   |                                             |   |
| Minnesota .....  | 9   | Vermont .....      | 2   |                                             |   |
| Missouri .....   | 57  | Wisconsin .....    | 50  |                                             |   |



Born in Kansas, 66; not otherwise stated, 6.

*Occupation.*—There are 287, or 94.8 per cent., engaged in Agriculture; 4, or 1.6 per cent., in Professional and Personal service; 1, or .4 per cent., in Trade and Transportation; 8, or 3.2 per cent., in Manufactures and Mining.

MAP OF NORTON COUNTY, KANSAS, 1875.



 Government Lands

*County Seat.*—Norton, the county seat, is 230 miles in an air line from Topeka, in a northwesterly direction.

*Face of the Country.*—Bottom land, 8 per cent.; upland, 92 per cent.; forest, 1 per cent.; prairie, 99 per cent.

*Timber.*—A mere fringe along some of the streams. Varieties: elm, willow and cottonwood,

*Principal Streams.*—Solomon river flows east. Prairie Dog and Sappo creeks from southwest to northeast. The county is moderately well supplied with springs; the depth at which well water is reached ranges from 10 to 75 feet.

*Coal.*—W. B. Rogers, of Norton, states that there is coal in township 1, range 25, and in township 5, range 24, in veins of 18 inches, and at a depth of from 10 to 20 feet. A small quantity has been mined for local use.

*Building Stone, etc.*—Good limestone found in the southeast corner of the county; sandstone in the other portions of the county, but usually not fit for building.

*Rail roads.*—None in the county.

*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 3,820; under cultivation, 4,799.50; cultivated to taxable acres, 125.63 per cent.; increase of cultivated acres during the year, 1,643.50.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 940.00   | 15.00          | 3,600    | \$ .60 | \$ 2,160.00       |
| Rye.....bu.                   | 150.00   | 17.00          | 2,550    | .40    | 1,020.00          |
| Spring Wheat.....bu.          | 1,162.00 | 12.00          | 13,944   | .32    | 4,463.08          |
| Corn.....bu.                  | 2,553.00 | 34.00          | 86,802   | .25    | 21,700.50         |
| Barley.....bu.                | 386.00   | 20.00          | 7,720    | 1.10   | 8,492.00          |
| Oats.....bu.                  | 205.00   | 16.00          | 3,280    | .20    | 656.00            |
| Potatoes, Irish.....bu.       | 29.50    | 50.00          | 147      | .50    | 73.50             |
| Sorghum.....gall.             | 10.75    | 90.00          | 967      | .60    | 483.50            |
| Millet and Hungarian.....tons | 68.25    | 2.00           | 126      | 6.00   | 756.00            |

#### A GOOD YIELD:—Statement of Jacob Wells:

*Corn.* I planted my field of corn about the middle of April, on prairie bottom land, which had been three years in cultivation. Seed of the calico variety. The first crop grown on the land was sod corn, then wheat, then corn. Plowed the ground early in the spring; cultivated four times with horse cultivator; harvested the latter part of October; yield, seventy-five bushels per acre.

*Dairy Products.*—Cheese manufactured in 1875, 40 lbs. Butter manufactured in 1875, 3,475 lbs.

*Farm Animals.*—Number of horses in 1875, 269. Mules and asses in 1875, 56. Cattle, in 1875, 914. Sheep, in 1875, 62. Swine, in 1875, 122.

*Dogs.*—Number of dogs in the county, 57. Number of sheep killed by wolves, 3; value of sheep killed by wolves, \$6.99.

*Horticulture.*—Acres of orchards, 18.50.

*Fences.*—Rail, 470 rods; cost, \$681.50. Total rods of fence, 470; total cost, \$681.50.

*Water Powers.*—There are powers on the Solomon, not yet utilized; a dam, however, has been commenced on that stream.

*Manufactures.*—Nothing reported.

*Banks.*—No banks in the county.

*Newspapers.*—None in the county.

*Schools, etc.*—Organized school districts, 17; school houses, 2.

*Churches.*—Presbyterian: Organizations 1, membership 12. Baptist: Organizations 1, membership 57. Methodist: Organizations 1, membership 30. Catholic: Organizations 2, membership 250.

*Libraries.*—No returns.

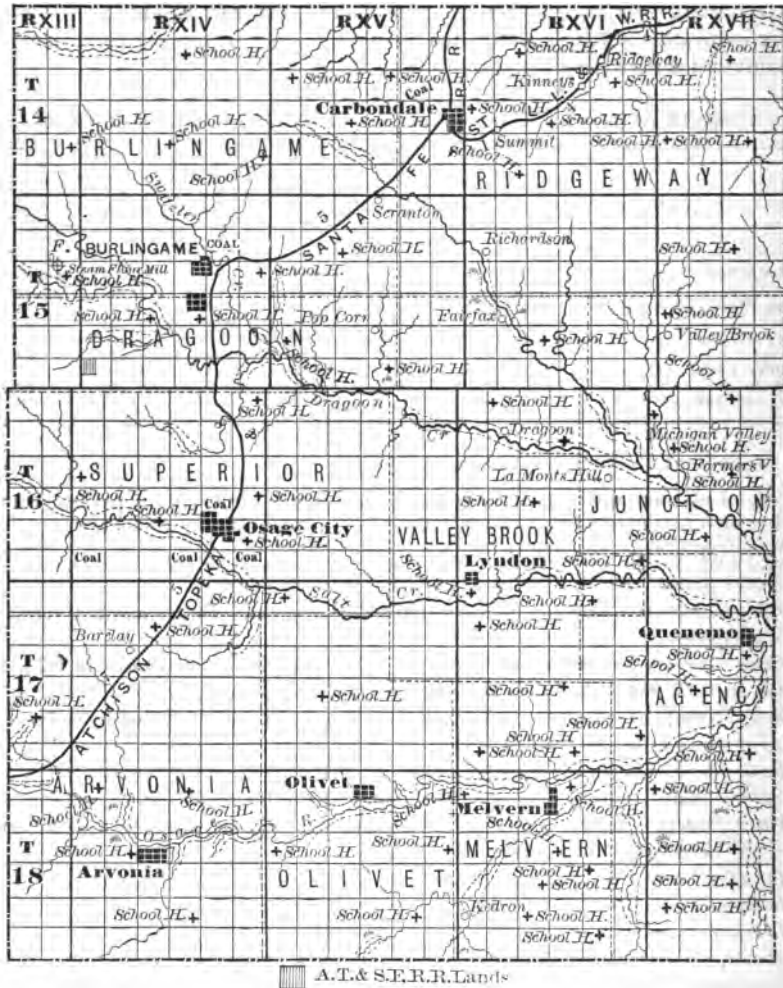
*Lands.*—The unsold lands are shown on the accompanying map of the county.

Prices of unoccupied lands range from \$1.50 to \$3 per acre.

## OSAGE COUNTY.

Organized in 1859. Named for the Osage river, the headwaters of which stream drain almost the entire surface of the county. The first name of the county was Weller, in honor of Gov. John B. Weller, of California. The name was changed

MAP OF OSAGE COUNTY, KANSAS, 1875.



in 1859. Square miles, 720. Population to square mile, 14.26. Population in 1800, 1,113; in 1870, 7,643: increase in ten years, 6,535; population in 1875, 10,268: increase in five years, 2,620: increase in fifteen years, 9,155.



## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Agency .....          | 1,264 | Arvonia .....         | 560   | Burlingame .....      | 1,673 |
| Dragoon .....         | 537   | Junction .....        | 901   | Melvorn .....         | 942   |
| Olivet .....          | 309   | Ridgeway .....        | 1,407 | Osage City .....      | 1,062 |
| Superior .....        | 706   | Valley Brook .....    | 907   |                       |       |

*Nativity.*—Born in the United States, 8,668; in Germany, 164; in Ireland, 128; in England and Wales, 692; in Scotland, 67; in Sweden, Norway and Denmark, 352; in France, 42; in North of Europe, 17; in Italy, 1; in South of Europe, 22; in British America, 113; in countries not specified, 2.

*Sex.*—Males, 5,454; females, 4,814.

## WHERE FROM TO KANSAS.

|                     |       |                      |     |                                             |     |
|---------------------|-------|----------------------|-----|---------------------------------------------|-----|
| Alabama .....       | 5     | Missouri .....       | 761 | West Virginia .....                         | 26  |
| Arkansas .....      | 37    | Nebraska .....       | 24  | Wisconsin .....                             | 212 |
| California .....    | 30    | Nevada .....         | —   | Dist. of Columbia and the Territories ..... | 16  |
| Colorado .....      | 30    | New Hampshire .....  | 20  | Germany .....                               | 48  |
| Connecticut .....   | 12    | New Jersey .....     | 23  | Ireland .....                               | 16  |
| Illinois .....      | 1,882 | New York .....       | 314 | England and Wales .....                     | 233 |
| Indiana .....       | 954   | North Carolina ..... | 7   | Scotland .....                              | 1   |
| Iowa .....          | 668   | Ohio .....           | 885 | Sweden, Norway and Denmark .....            | 150 |
| Kentucky .....      | 254   | Oregon .....         | —   | France .....                                | 13  |
| Louisiana .....     | 5     | Pennsylvania .....   | 568 | Other North of Europe .....                 | 15  |
| Maine .....         | 28    | Rhode Island .....   | 1   | Italy .....                                 | —   |
| Maryland .....      | 26    | South Carolina ..... | 3   | Other South of Europe .....                 | 1   |
| Massachusetts ..... | 31    | Tennessee .....      | 53  | British America .....                       | 76  |
| Michigan .....      | 265   | Texas .....          | 17  |                                             |     |
| Minnesota .....     | 64    | Vermont .....        | 21  |                                             |     |
| Mississippi .....   | 6     | Virginia .....       | 41  |                                             |     |

Born in Kansas, 2,431; not otherwise stated, 5.

*Occupation.*—There are 1,669, or 64.7 per. cent., engaged in Agriculture; 249, or 9.6 per. cent., in Professional and Personal service; 188, or 5.3 per. cent., in Trade and Transportation; 520, or 20.1 per. cent., in Manufactures and Mining.

*County Seat.*—Burlingame, the county seat, is 22 miles in an air line from Topeka, in a southerly direction.

*Face of the Country.*—Bottom lands, 10 per. cent.; upland, 90 per. cent.; forest, 8 per. cent.; prairie, 92 per. cent. Average width of bottoms, from one-quarter to one-half a mile; general surface of the country, undulating.

*Timber.*—Average width of timber belts, from 20 to 100 rods. Varieties: wal nut, oak, elm, cottonwood, hackberry, coffee bean, hickory and mulberry.

*Principal Streams.*—Marais des Cygnes, in the south part of the county, flows east. Tributaries on the south, Coal, Long and Rock creeks; on the north, Cherry creek. Salt creek, in the centre of the county, runs due east and has a few small tributaries. Dragoon creek, in the north part of the county, flows southeast and joins One Hundred and Ten near the east line of the county. One Hundred and Ten creek, in the east part of the county, flows south. The county is not well supplied with springs; good well water is obtained at a depth of from 15 to 40 feet.

*Coal.*—Coal underlies 25 per. cent. of the area of the county. Veins from 14 to 18 inches; depth below surface, 5 to 50 feet; quality, good. Fifty car-loads per day are shipped for half the year, and 30 car-loads for the remainder of the year. Used exclusively by the Atchison, Topeka & Santa Fe Railroad Company, and for local, domestic and manufacturing purposes.

*Building Stone, etc.*—Limestone is found on almost every section; yellow ochre is found in great abundance; also fire and pottery clay.

**Railroad Connections.**—The Atchison, Topeka & Santa Fe railroad crosses the northern line of the county near the centre, and runs diagonally through the county in a southwesterly direction. Stations: Carbondale, Burlingame and Osage City. The Lawrence and Southwestern Railroad, connecting Lawrence and Carbondale, runs through the extreme northeastern corner of the county.

**Agricultural Statistics.**—Acres in the county, 460,800; taxable acres, 429,638; under cultivation, 91,576.04; cultivated to taxable acres, 21.31 per cent.: increase of cultivated acres during the year, 4,045.04.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 9,735.00  | 18.00          | 175,230   | \$1.00 | \$175,230.00      |
| Rye.....bu.                   | 1,418.00  | 17.00          | 24,106    | .60    | 14,463.60         |
| Spring Wheat.....bu.          | 128.00    | 10.00          | 1,280     | .73    | 934.40            |
| Corn.....bu.                  | 32,685.00 | 40.00          | 1,307,400 | .25    | 326,550.00        |
| Barley.....bu.                | 101.00    | 22.00          | 2,222     | 1.25   | 2,777.50          |
| Oats.....bu.                  | 6,776.25  | 28.00          | 189,735   | .25    | 47,433.75         |
| Buckwheat.....bu.             | 71.00     | 18.00          | 1,278     | .85    | 1,086.30          |
| Potatoes, Irish.....bu.       | 781.66    | 150.00         | 117,249   | .27    | 31,273.23         |
| Sweet Potatoes.....bn.        | 48.83     | 150.00         | 7,324     | 1.05   | 7,690.20          |
| Forghum.....gall.             | 599.56    | 100.00         | 59,956    | .55    | 32,975.80         |
| Castor Beans.....bu.          | 695.75    | 15.00          | 10,436    | 1.10   | 11,479.60         |
| Cotton.....lbs.               | 95.00     | 75.00          | 7,125     | .07    | 498.75            |
| Flax.....bu.                  | 1,721.00  | 8.00           | 13,768    | 1.05   | 14,456.40         |
| Hemp.....lbs.                 | 1.00      | 600.00         | 600       | .65    | 390.00            |
| Tobacco.....lbs.              | 10.50     | 600.00         | 6,300     | .07½   | 472.50            |
| Broom Corn.....lbs.           | 126.24    | 680.00         | 85,843    | .05    | 4,292.00          |
| Millet and Hungarian.....tons | 2,194.50  | 2.87           | 6,298     | 5.00   | 31,490.00         |
| Timothy.....tons              | 143.00    | 1.00           | 143       | 6.00   | 858.00            |
| Clover.....tons               | 94.75     | 2.00           | 189       | 6.00   | 1,134.00          |
| Prairie.....tons              | 22,493.00 | 1.50           | 33,739    | 3.50   | 118,086.50        |

EXTRAORDINARY YIELDS.—

Statement of S. K. Freeman, of Burlingame:

**Corn:** I plowed the ground the latter part of April, eight inches deep, and planted the 3d of May, in rows four feet apart each way. The large white Dent corn was the variety planted. About one-half of the crop was cultivated four times, the rest only three times. The soil is bottom prairie, and was broken in 1874, this being the first crop. I have harvested part of it, and it yielded 94 bushels per acre. The cost of producing is as follows, per acre:

|                                     |        |
|-------------------------------------|--------|
| Plowing, harrowing and marking..... | \$2.00 |
| Planting and cultivating.....       | 2.00   |
| Husking and cribbing.....           | 4.00   |
|                                     | 8.00   |

Statement of O. Thompson, of Burlingame:

**Potatoes:** Planted Early Rose potatoes on the 20th of April, on ground on which one crop of millet had been raised. Planted in furrows 3½ feet apart, and dropped the seed 2½ feet apart, covered with a hoe, and harrowed when the potatoes commenced coming up. The soil is a black loam, on upland prairie. The potatoes were cut and one piece planted in a hill. On the 20th of August I harvested the crop, which yielded 250 bushels per acre. The cost of producing was as follows:

|                                         |         |
|-----------------------------------------|---------|
| Plowing, per acre.....                  | \$ 1.00 |
| Seed, 6 bushels, at \$2 per bushel..... | 12.00   |
| Harrowing and cultivating.....          | 2.00    |
| Harvesting.....                         | 5.00    |
| Total.....                              | \$30.00 |

I planted Peachblow potatoes on May 10th, and harvested on October 20th, 130 bushels per acre. Planting and cultivation the same as of the Early Rose. I do not apply manure to the ground, and prefer land that has been broken two years. I never plant potatoes two years in succession on the same ground.

*Dairy Products.*—Cheese manufactured in 1870, 30,900 lbs.; in 1875, 49,547 lbs.: increase, 18,647 lbs. Butter manufactured in 1870, 99,898 lbs.; in 1875, 197,961 lbs.: increase, 98,563 lbs.

*Farm Animals.*—Number of horses, in 1870, 2,782; in 1875, 4,729: increase, 1,947. Mules and asses, in 1870, 217; in 1875, 332: increase, 115. Cattle, in 1870, 10,177; in 1875, 17,698: increase, 7,521. Sheep, in 1870, 381; in 1875, 1,619: increase, 1,238. Swine, in 1870, 2,875; in 1875, 3,245: increase, 370.

*Dogs.*—Number of dogs in the county, 1,545; number of sheep killed by dogs, 20; value of sheep killed by dogs, \$46.60. Number of sheep killed by wolves, 311; value of sheep killed by wolves, \$724.63.

*Horticulture.*—Acres of nurseries, 58.75; orchards, 2,533.86; vineyards, 49.03.

*Apiaculture.*—Number of stands of bees, 95; pounds of honey, 73; wax, 23.

*Fences.*—Stone, 39,654 rods; cost, \$79,308. Rail, 266,709 rods; cost, \$366,724.87. Board, 89,779 rods; cost, \$37,790.05. Wire, 34,600 rods; cost \$25,950. Hedge, 122,606 rods; cost, \$67,433.30. Total rods of fence, 508,848; total cost, \$577,208.22.

*Herd Law.*—Herd law not in force.

*Water Powers.*—There are none.

*Manufactures.*—Burlingame, two grist mills, one cheese factory, one pottery. Osage City, one grist mill, two saw mills. Lyndon, Valley Brook township, one grist mill. Ridgeway township, one grist mill. Melvern township, one steam saw mill, two cheese factories. Arvonja township, two steam saw mills, one cheese factory. Agency township, two steam saw mills.

*Banks.*—Burlingame Savings Bank, Burlingame; Osage City Savings Bank, Osage City. The capital of these banks aggregates \$30,800.

*Business Houses of Principal Towns.*—City of Burlingame: Agricultural implements and wagons, 4; books, periodicals and stationery, 1; boots and shoes, 2; confectionery, 2; drugs, oils and paints, 2; furniture and upholstery, 2; groceries, 5; gunsmith, 1; hardware, 2; lumber, 1; millinery, 3; general country stores, 1; saddles and harness, 1; sewing machines, 2. Osage City: Books, periodicals and stationery, 1; boots and shoes, 1; clothing, boots and shoes, 1; confectionery, 2; dry goods, 1; drugs, oils and paints, 4; furniture and upholstery, 1; groceries, 4; hardware, 2; jewelry, clocks, watches, etc., 1; lumber, 2; millinery, 3; merchandise, 2; saddles and harness, 1; flouring mill, 1; brick factory, 1; flagging quarry, 1.

*Newspapers.*—The *Free Press*, Osage City; *Osage Chronicle*, Burlingame, and the *Lyndon Times*—all weekly.

*Schools, etc.*—Organized school districts, 86; school houses, 74; value of school buildings and grounds, furniture and apparatus, \$127,683; parochial schools at Osage City, under charge of the Catholic church.

*Churches.*—Presbyterian: Organizations 8, membership 860, church edifices 4, valuation \$10,500. Congregational: Organizations 7, membership 142, church edifices 2, valuation \$5,500. Baptist: Organizations 4, membership 208, church edifices 2, valuation \$3,500. Methodist: Organizations 11, membership 533, church edifices 4, valuation \$13,200. Episcopal: Membership 9. Catholic: Organizations 5, membership 700, church edifices 1, valuation \$500.

*Libraries.*—There are two public libraries having 373 volumes, and 47 private libraries, with 4,980 volumes, reported from six townships.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed, \$2,319; poultry and eggs sold, \$5,104; pounds of wool produced, 4,504.

*Wages.*—Farm laborers, per month, with board, \$10 to \$20; laborers in cities or on public improvements, per day, \$1 to \$1.50; carpenters, per day, \$2.50 to \$3;

bricklayers and stonemasons, per day, \$3.50 to \$4; house painters, per day, \$2.50 to \$3.50; wagon makers, per day, \$3; blacksmiths, per day, \$3 to \$4; shoemakers, per day, \$2.50 to \$3; harness makers, per day, \$1.50 to \$3; tailors, per day, \$3; printers, per day, \$1.50 to \$2; clerks, per month, \$15 to \$50.

Prices of vacant land range from \$4 to \$6 per acre.

### OSBORNE COUNTY.

Organized in 1871. Named in honor of Vincent B. Osborne, a private in Company A, Second Kansas cavalry, who lost a leg Jan. 17th, 1865, at Joy's Ford on the Arkansas river. Square miles, 900; population to square mile, 3.85. Population in 1870, 83; population in 1875, 3,467: increase in five years, 3,434.

#### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Bethany .....         | 500  | Bloom .....           | 200  | Corinth .....         | 313  |
| Independence .....    | 221  | Kill Creek .....      | 276  | Liberty .....         | 179  |
| Penn .....            | 448  | Ross .....            | 383  | Sumner .....          | 413  |
| Tilden .....          | 313  | Winfield .....        | 221  |                       |      |

*Nativity.*—Born in the United States, 3,130; in Germany, 128; in Ireland, 17; in England and Wales, 54; in Scotland, 11; in Sweden, Norway and Denmark, 10; in France, 2; in North of Europe, 5; in South of Europe, 28; in British America, 81; in countries not specified, 1.

*Sex.*—Males, 1,886; females, 1,581.

#### WHERE FROM TO KANSAS.

|                     |       |                      |     |                                             |     |
|---------------------|-------|----------------------|-----|---------------------------------------------|-----|
| Arkansas .....      | 2     | Minnesota .....      | 48  | Texas .....                                 | 2   |
| California .....    | 1     | Missouri .....       | 217 | Virginia .....                              | 6   |
| Colorado .....      | 5     | Nebraska .....       | 239 | West Virginia .....                         | 2   |
| Connecticut .....   | 13    | Nevada .....         | 1   | Wisconsin .....                             | 167 |
| Illinois .....      | 449   | New Hampshire .....  | 8   | Dist. of Columbia and the Territories ..... | 18  |
| Indiana .....       | 78    | New Jersey .....     | 5   | Germany .....                               | 27  |
| Iowa .....          | 1,024 | New York .....       | 103 | Ireland .....                               | 1   |
| Kentucky .....      | 8     | North Carolina ..... | 21  | England and Wales .....                     | 19  |
| Maine .....         | 8     | Ohio .....           | 139 | Scotland .....                              | 1   |
| Maryland .....      | 2     | Oregon .....         | 11  | South of Europe .....                       | 18  |
| Massachusetts ..... | 19    | Pennsylvania .....   | 167 | British America .....                       | 47  |
| Michigan .....      | 168   | South Carolina ..... | 4   |                                             |     |

Born in Kansas, 418; not otherwise stated, 11.

*Occupation.*—There are 763, or 83.3 per cent., engaged in Agriculture; 37, or 4 per cent., in Professional and Personal service; 13, or 1.4 per cent., in Trade and Transportation; 104, or 11.1 per cent., in Manufactures and Mining.

*County Seat.*—Osborne City, the county seat, is 163 miles in an air line from Topeka, in a northwesterly direction.

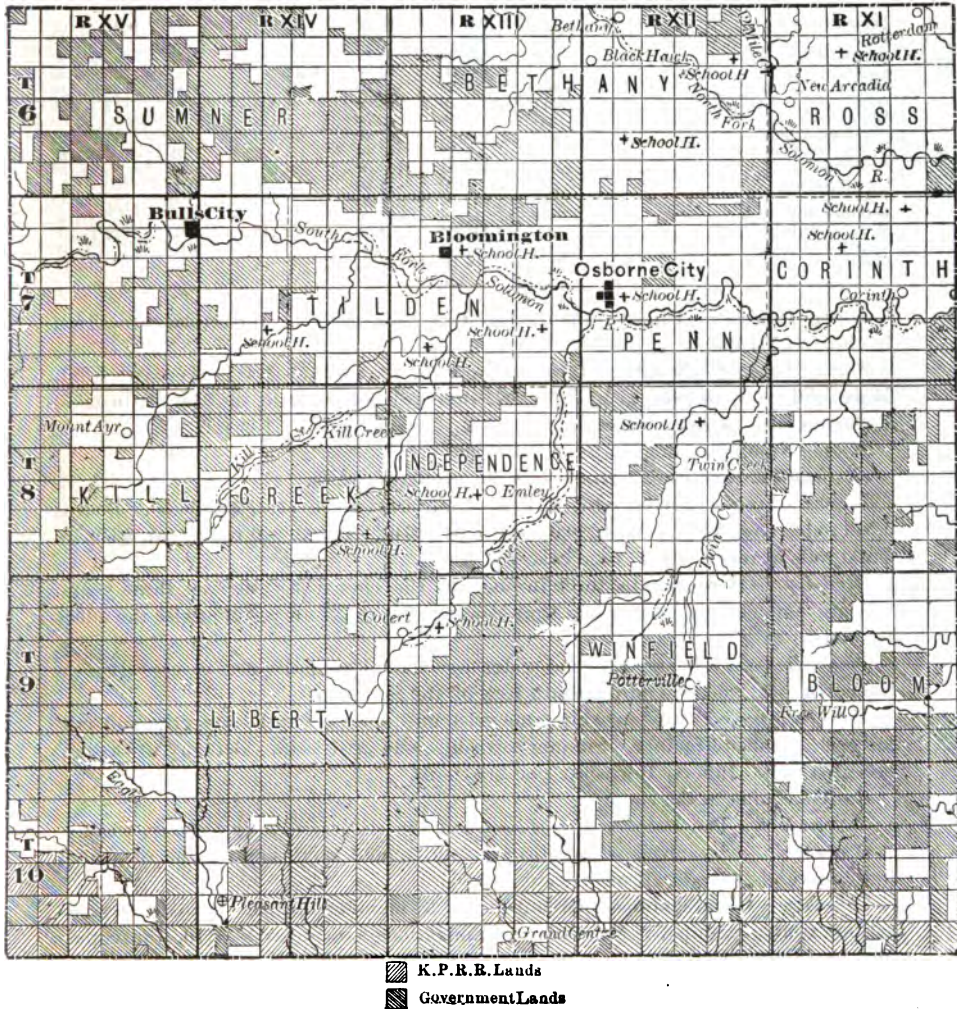
*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 2 per cent.; prairie, 98 per cent. Average width of bottoms, three-quarters to one mile; general surface of the country, undulating.

*Timber.*—The timber is confined to narrow belts along the streams. Varieties not stated, but doubtless the same as given for neighboring counties.

*Principal Streams.*—North fork of the Solomon flows southeast across the northeast corner of the county. The South fork of the Solomon flows east through the

county, north of the centre; tributaries, Twin, Covert, Kill and smaller creeks, flowing north. There is a moderate supply of springs; good well water obtained at from 7 to 38 feet.

MAP OF OSBORNE COUNTY, KANSAS, 1875.



**Coal.**—Indications of coal have been discovered, but none of consequence has been developed.

**Building Stone, etc.**—Good limestone abounds throughout the county.

**Railroad Connections.**—No railroads yet built in the county.

**Agricultural Statistics.**—Acres in the county, 576,000; taxable acres, 38,691; under cultivation, 26,252.11; cultivated to taxable acres, 67.85 per cent.: increase of cultivated acres during the year, 4,193.11.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 987.75    | 16.00          | 15,804    | \$ .77 | \$ 12,169.06      |
| Rye.....bu.                   | 900.50    | 15.00          | 13,507    | .40    | 5,402.80          |
| Spring Wheat.....bu.          | 128.00    | 10.00          | 1,280     | .73    | 934.40            |
| Corn.....bu.                  | 32,685.00 | 40.00          | 1,307,400 | .25    | 326,850.00        |
| Barley.....bu.                | 752.48    | 20.00          | 15,050    | 1.15   | 17,307.50         |
| Oats.....bu.                  | 1,768.18  | 26.00          | 49,509    | .25    | 12,377.25         |
| Buckwheat.....bu.             | 7.00      | 16.00          | 112       | .75    | 84.00             |
| Potatoes, Irish.....bu.       | 872.87    | 125.00         | 109,169   | .25    | 27,277.25         |
| Sweet Potatoes.....bu.        | 5.88      | 140.00         | 823       | .75    | 617.25            |
| Sorghum.....gall.             | 276.07    | 100.00         | 27,607    | .50    | 13,803.50         |
| Castor Beans.....bu.          | 1.00      | 14.00          | 14        | 1.00   | 14.00             |
| Flax.....bu.                  | 49.50     | 8.00           | 396       | .90    | 356.40            |
| Broom Corn.....bbl.           | 17.76     | 625.00         | 11,100    | .05    | 555.00            |
| Millet and Hungarian.....tons | 1,143.68  | 2.36           | 2,711     | 5.00   | 13,555.00         |
| Timothy.....tons              | 8.00      | 1.00           | 8         | 5.00   | 15.00             |
| Clover.....tons               | 6.00      | 2.00           | 12        | 5.00   | 60.00             |

*Dairy Products.*—Cheese manufactured in 1875, 100 lbs. Butter manufactured in 1875, 65,754 lbs.

*Farm Animals.*—Number of horses in 1870, 20; in 1875, 1,411: increase, 1,391. Mules and asses, in 1870, 1; in 1875, 207: increase, 206. Cattle, in 1870, 19; in 1875, 4,305: increase, 4,296. Sheep, in 1875, 882. Swine, in 1875, 1,284.

*Dogs.*—Number of dogs in the county, 565.

*Horticulture.*—Acres of nurseries, 36.50; orchards, 57.75.

*Fences.*—Stone, 15 rods; cost, \$28.12. Rail, 5,911 rods; cost, \$8,866.50. Board, 2,546 rods; cost, 3,819. Wire, 800 rods; cost, \$640. Hedge, 610 rods, cost, \$350.75. Total rods of fence, 9,882; total cost, \$13,704.37.

*Herd Law.*—Herd law in force throughout the county for the last three years. "It prevents large stock herders from coming into the county; otherwise the effect is good."

*Water Powers.*—There are good water powers. Two mills are in operation on the north fork, and two on the south fork of the Solomon.

*Manufactures.*—Penn township, one grist mill, one saw mill, one grist and saw mill, one furniture factory. Sumner township, one grist mill. Bethany township, one grist mill. Liberty township, one grist mill.

*Banks.*—None in the county.

*Newspapers.*—The *Osborne City Times* and the *Osborne County Farmer*, weekly.

*Schools, etc.*—Organized school districts, 49; school houses, 16; value of school buildings and grounds, furniture, etc., \$6,666.

*Churches.*—Congregational: Organizations 3, membership 95. Baptist: Organizations 2, membership 97. Methodist: Organizations 9, membership 110. Episcopal: Membership 6. Catholic: Organizations 1, membership 200.

*Libraries.*—In four townships reporting, there are 37 private libraries, having 3,549 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Garden produce marketed—; poultry and eggs sold, \$902.50; pounds of wool produced, 802.

*Wages.*—Farm laborers, per month, with board, \$15 to \$20; carpenters, per day, \$2 to \$2.50; bricklayers and stonemasons, per day, \$2 to \$2.50; clerks, per month, \$30 to \$60; tinnners, per day, \$3 to \$3.50

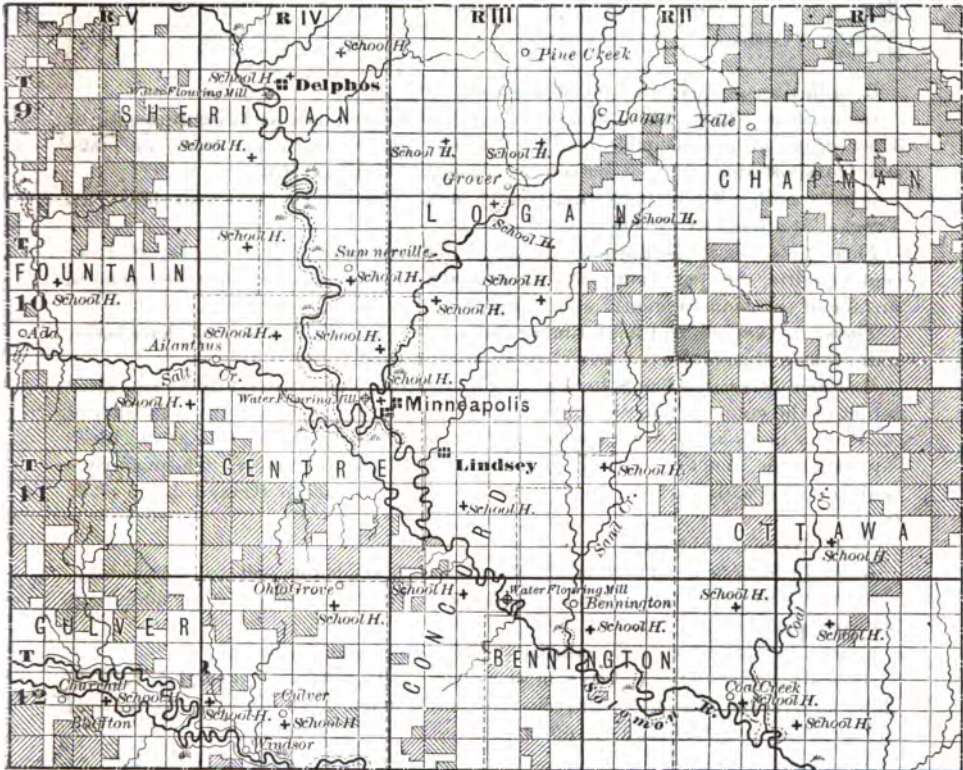
Prices of unoccupied land range from \$2.50 to \$6 per acre.



## OTTAWA COUNTY.

Organized in 1866. A well-known Indian name, applied to the county in the act of 1860, establishing its boundaries. Square miles, 720. Population to square mile, 6.15. Population in 1870, 2,127; population in 1875, 4,429: increase in five years, 2,302.

MAP OF OTTAWA COUNTY, KANSAS, 1875.



K.P.R.R. Lands  
 Government Lands

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Bennington .....      | 399  | Centre .....          | 672  | Chapman .....         | 222  |
| Concord .....         | 360  | Culver .....          | 455  | Fountain .....        | 471  |
| Logan .....           | 900  | Ottawa .....          | 489  | Sheridan .....        | 461  |

*Nativity.*—Born in the United States, 3,770; in Germany, 146; in Ireland, 66; in England and Wales, 208; in Scotland, 13; in Sweden, Norway and Denmark, 41; in France, 8; in North of Europe, 15; in South of Europe, 15; in British America, 133; in countries not specified, 15.

*Sex.*—Males, 2,360; females, 2,069.

## WHERE FROM TO KANSAS.

|                    |     |                     |     |                           |     |
|--------------------|-----|---------------------|-----|---------------------------|-----|
| Arkansas.....      | 12  | Minnesota.....      | 29  | Vermont.....              | 23  |
| California.....    | 9   | Mississippi.....    | 1   | Virginia.....             | 19  |
| Colorado.....      | 17  | Missouri.....       | 320 | West Virginia.....        | 5   |
| Connecticut.....   | 31  | Nebraska.....       | 31  | Wisconsin.....            | 330 |
| Georgia.....       | 8   | New Jersey.....     | 2   | Dist. of Columbia and the |     |
| Illinois.....      | 836 | New York.....       | 67  | Territories.....          | 7   |
| Indiana.....       | 241 | North Carolina..... | 1   | Germany.....              | 22  |
| Iowa.....          | 647 | Ohio.....           | 313 | Ireland.....              | 13  |
| Kentucky.....      | 31  | Oregon.....         | 1   | England and Wales.....    | 70  |
| Louisiana.....     | 1   | Pennsylvania.....   | 201 | Scotland.....             | 2   |
| Maine.....         | 22  | Rhode Island.....   | 12  | Sweden, Norway and Den-   |     |
| Maryland.....      | 9   | South Carolina..... | 1   | mark.....                 | 11  |
| Massachusetts..... | 31  | Tennessee.....      | 19  | South of Europe.....      | 2   |
| Michigan.....      | 179 | Texas.....          | 6   | British America.....      | 98  |

Born in Kansas, 754; not otherwise stated, 5.

*Occupation.*—There are 1,095, or 89.9 per cent., engaged in Agriculture; 37, or 3 per cent., in Professional and Personal service; 24, or 1.1 per cent., in Trade and Transportation; 61, or 5 per cent., in Manufactures and Mining.

*County Seat.*—Minneapolis, the county seat, is 109 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 25 per cent.; upland, 75 per cent.; forest, 2 per cent.; prairie, 98 per cent. Average width of bottoms, three miles; general surface of the country, gently undulating.

*Timber.*—Average width of timber belts, 80 rods. Varieties: oak, hackberry, walnut, ash, elm, mulberry, box elder and cottonwood.

*Principal Streams.*—The Solomon river flows from the northwest to the southeast corner of the county. The Saline river flows across the extreme southwest corner of the county in a southeasterly direction. The smaller streams are, Coal, Saw, Lindsay, Salt, Pipe, Yockey, Henry, Mortimer and Chapman creeks. The county is well supplied with springs; good well water reached at an average depth of 30 feet.

*Coal.*—None developed.

*Building Stone, etc.*—There is an abundance of sandstone and some limestone, neither of first-rate quality; mineral paint and pottery clay said to be abundant, but not worked.

*Railroad Connections.*—No railroads have yet reached the county.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 177,875; under cultivation, 36,042.16; cultivated to taxable acres, 20.26 per cent.: increase of cultivated acres during the year, 19,113.16.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 5,117.91  | 22.00          | 112,594  | \$ .65 | \$ 73,186.10      |
| Rye.....bu.                   | 2,694.50  | 24.00          | 64,668   | .48    | 27,907.24         |
| Spring Wheat.....bu.          | 7,532.50  | 15.00          | 112,987  | .38    | 4,293.00          |
| Corn.....bu.                  | 11,840.50 | 43.00          | 509,141  | .20    | 101,828.20        |
| Barley.....bu.                | 1,567.12  | 28.00          | 43,879   | 1.16   | 50,899.64         |
| Oats.....bu.                  | 2,871.50  | 40.00          | 114,860  | .22    | 25,269.20         |
| Buckwheat.....bu.             | 4.00      | 20.00          | 80       | .75    | 60.00             |
| Potatoes, Irish.....bu.       | 242.96    | 125.00         | 30,370   | .22    | 6,681.40          |
| Sweet Potatoes.....bu.        | 3.62      | 160.00         | 579      | .75    | 434.25            |
| Sorghum.....gall.             | 115.08    | 120.00         | 13,810   | .45    | 6,214.50          |
| Castor Beans.....bu.          | 24.00     | 15.00          | 360      | 1.00   | 360.00            |
| Flax.....bu.                  | 70.00     | 10.00          | 700      | .93    | 651.00            |
| Tobacco.....lbs.              | 2.35      | 600.00         | 1,410    | .06    | 84.60             |
| Broom Corn.....lbs.           | 81.37     | 795.00         | 64,689   | .04    | 2,597.56          |
| Millet and Hungarian.....tons | 865.75    | 3.00           | 2,597    | 4.75   | 12,335.75         |
| Prairie.....tons              | 274.00    | 1.25           | 342      | 2.75   | 940.50            |



*Dairy Products.*—Cheese manufactured in 1870, 450 lbs.; in 1875, 190 lbs.: decrease, 260 lbs. Butter manufactured in 1870, 83,169 lbs.; in 1875, 68,927 lbs.: increase, 30,758 lbs.

*Farm Animals.*—Number of horses in 1870, 922; in 1875, 2,100: increase, 1,178. Mules and asses, in 1870, 75; in 1875, 207: increase, 132. Cattle, in 1870, 7,817; in 1875, 8,438: increase, 1,121. Sheep, in 1870, 827; in 1875, 2,626: increase, 1,799. Swine, in 1870, 1,055; in 1875, 1,890: increase, 835.

*Dogs.*—Number of dogs in the county, 629; number of sheep killed by dogs, 2; value of sheep killed by dogs, \$4.66. Number of sheep killed by wolves, 1; value of sheep killed by wolves, \$2.33.

*Horticulture.*—Acres of nurseries, 31.50; orchards, 286.08; vineyards, 18.25.

*Apiculture.*—Number of stands of bees, 1; pounds of honey, 30; wax, 1.

*Fences.*—Stone, 5,768 rods; cost, \$10,813. Rail, 10,956 rods; cost, \$16,160.10. Board, 4,243 rods; cost, \$6,364.50. Wire, 2,000 rods; cost, \$1,540. Hedge, 22,745 rods; cost, \$10,285.25. Total rods of fence, 45,712; total cost, \$45,112.85.

*Herd Law.*—The herd law has been in force four years throughout the county. The effect upon the general prosperity of the county is good.

*Water Powers.*—There are numerous good water powers on the Solomon and Saline rivers, five of which have been utilized.

*Manufactures.*—Centre township, two water-power grist mills, two water-power saw mills, one steam saw mill, one furniture factory. Sheridan township, one water-power grist mill, one water-power saw mill. Culver township, one water-power saw mill.

*Banks.*—No banks.

*Business Houses of Principal Towns:*

## MANUFACTORIES.

| NAME AND KIND OF BUSINESS.           | WHERE LOCATED.    | POWER.      | CAPITAL INVESTED. |
|--------------------------------------|-------------------|-------------|-------------------|
| Flour manufactory .....              | Minneapolis ..... | Water ..... | \$25,000          |
| Flour manufactory .....              | Delphos .....     | Water ..... | 15,000            |
| Lumber manufactory .....             | Minneapolis ..... | Water ..... | 5,000             |
| Lumber manufactory .....             | Delphos .....     | Water ..... | 5,000             |
| Lumber manufactory .....             | Bennington .....  | Water ..... | 7,000             |
| Lumber manufactory .....             | Culver .....      | Water ..... | 4,000             |
| Pottery manufactory .....            | Culver .....      | Water ..... | 2,000             |
| Stoves and Tinware manufactory ..... | Minneapolis ..... | Steam ..... | 1,000             |
| Wagon manufactory .....              | Minneapolis ..... | .....       | 3,000             |

## OTHER STATISTICS OF OTTAWA COUNTY.

| NAME AND KIND OF BUSINESS.                 | NO. OF BUSINESS HOUSES. | VALUE OF GOODS SOLD DURING THE YEAR. | NAME AND KIND OF BUSINESS.          | NO. OF BUSINESS HOUSES. | VALUE OF GOODS SOLD DURING THE YEAR. |
|--------------------------------------------|-------------------------|--------------------------------------|-------------------------------------|-------------------------|--------------------------------------|
| Agricultural Implements and Wagons .....   | 5                       | \$75,000                             | Hardware .....                      | 4                       | \$10,150                             |
| Books and Periodicals and Stationery ..... | 3                       | 2,000                                | Hats and Caps .....                 | 7                       | 4,000                                |
| Boots and Shoes .....                      | 3                       | 30,000                               | Jewelry, Clocks, Watches, etc. .... | 3                       | 1,100                                |
| Clothing and Tailoring .....               | 6                       | 30,000                               | Lumber .....                        | 4                       | 10,000                               |
| Confectionery .....                        | 3                       | 8,000                                | Music and Musical Instruments ..... | 2                       | 15,000                               |
| Dry Goods .....                            | 3                       | 99,500                               | Millinery .....                     | 2                       | 2,500                                |
| Drugs, Oils and Paints .....               | 3                       | 9,000                                | Queen-ware .....                    | 7                       | 55,000                               |
| Furniture and Upholstery .....             | 2                       | 1,500                                | Saddles and Harness .....           | 3                       | 8,000                                |
| Groceries .....                            | 11                      | 125,000                              | Sewing Machines .....               | 2                       | 2,500                                |
| Gunsmiths .....                            | 1                       | 880                                  | .....                               | .....                   | .....                                |

*Newspapers.*—The *Independent* and *Sentinel*, at Minneapolis; both weekly.

*Schools, etc.*—Organized school districts, 57; school houses, 36; value of school buildings and grounds, furniture and apparatus, \$23,457.

*Churches.*—Presbyterian: Organizations 4, membership 47, church edifices 2, valuation \$3,500. Baptist: Organizations 3, membership 128. Methodist: Organizations 11, membership 250, one parsonage, valuation \$350. Episcopal: Membership 5. Catholic: Organizations 2, membership 300. Universalist: Organizations 1, membership 80, church edifices 1, valuation \$1,200.

*Libraries.*—There are 19 private libraries, having 1,618 volumes, reported from one township.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$26.50; poultry and eggs sold during the year, \$1,045.40; pounds of wool produced, 7,519.

*Wages.*—Farm laborers, per month, with board, \$12 to \$15; laborers in cities or on public improvements, per day, \$1 to \$1.50; carpenters, per day, \$2.50 to \$3; bricklayers and stonemasons, per day, \$2.50 to \$3; house painters, per day, \$2 to \$3.50; wagon makers, per day, \$2 to \$3; blacksmiths, per day, \$2 to \$2.50; shoe-makers, per day, \$2 to \$2.50; tailors, per day, \$2; printers, per day, \$1.50 to \$2.50; printers, per 1,000 ems, 30c.; clerks, per month, \$15 to \$30; tanners, per day, \$2.

Vacant lands range from \$3 to \$10 per acre.

## PAWNEE COUNTY.

Organized in 1872. Named for the Pawnee Indians, the original hunting grounds of which once-powerful tribe embraced that county, as they did almost all of Western Kansas. Square miles, 756. Population to square mile, 1.83. Population in 1870, 179; population in 1875, 1,006: increase in five years, 827.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Garfield.....         | 144  | Larned.....           | 636  | Pawnee.....           | 226  |

*Nativity.*—Born in the United States, 856; in Germany, 23; in Ireland, 14; in England and Wales, 15; in Scotland, 3; in Sweden, Norway and Denmark, 11; in South of Europe, 75; in British America, 9.

*Sex.*—Males, 546; females, 460.

### WHERE FROM TO KANSAS.

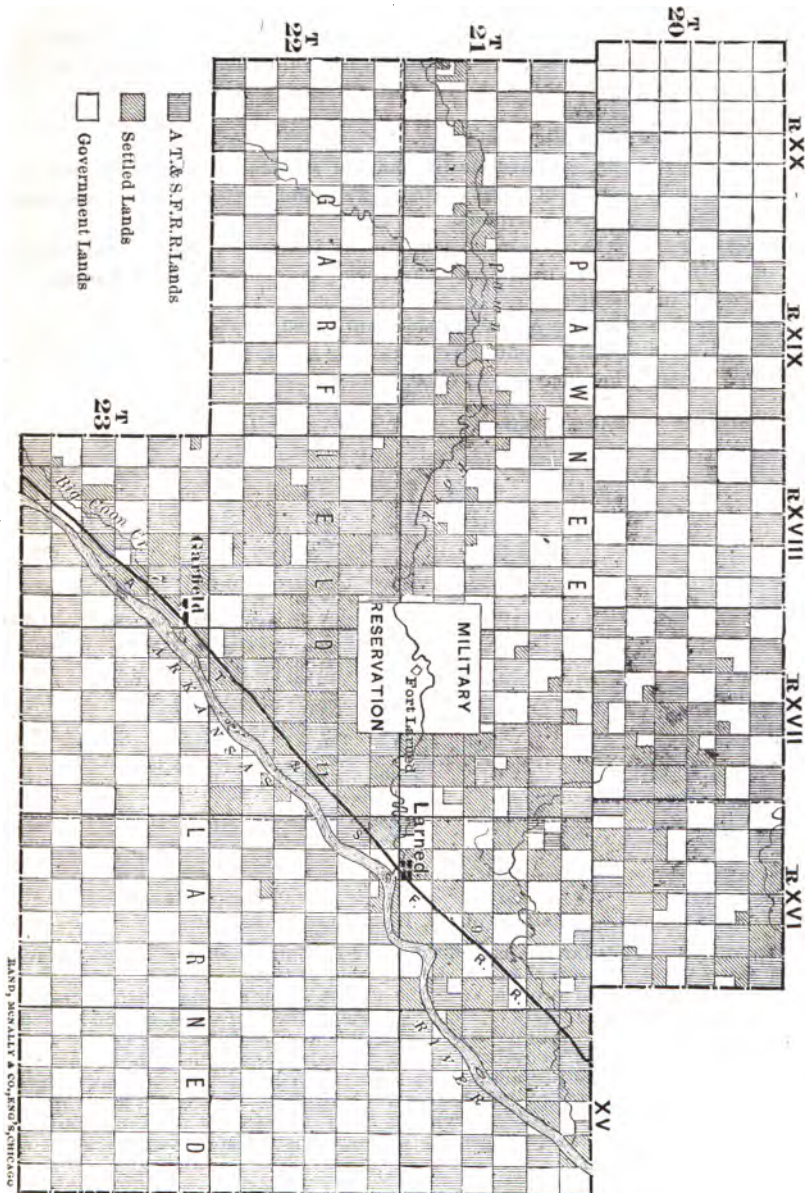
|                    |     |                   |    |                                            |    |
|--------------------|-----|-------------------|----|--------------------------------------------|----|
| California.....    | 1   | Michigan.....     | 20 | Wisconsin.....                             | 18 |
| Colorado.....      | 8   | Minnesota.....    | 7  | Dist. of Columbia and the Territories..... | 11 |
| Connecticut.....   | 1   | Missouri.....     | 69 | Germany.....                               | 2  |
| Georgia.....       | 1   | New Jersey.....   | 1  | Ireland.....                               | 1  |
| Illinois.....      | 349 | New York.....     | 27 | England and Wales.....                     | 1  |
| Indiana.....       | 32  | Ohio.....         | 92 | Sweden, Norway and Denmark.....            | 2  |
| Iowa.....          | 105 | Pennsylvania..... | 39 | South of Europe.....                       | 73 |
| Kentucky.....      | 21  | Rhode Island..... | 2  | British America.....                       | 2  |
| Louisiana.....     | 36  | Tennessee.....    | 6  |                                            |    |
| Maryland.....      | 1   | Vermont.....      | 2  |                                            |    |
| Massachusetts..... | 2   | Virginia.....     | 9  |                                            |    |

Born in Kansas, 70.

*Occupation.*—There are 208, or 67.9 per cent., engaged in Agriculture; 88, or 12.7

per cent., in Professional and Personal service; 26, or 8.7 per cent., in Trade and Transportation; 32, or 10.7 per cent., in Manufactures and Mining.

MAP OF PAWNEE COUNTY, KANSAS, 1875.



*County Seat.*--Larned, the county seat, is 194 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 25 per cent.; upland, 75 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, four miles; general surface of the uplands, gently undulating.

*Timber.*—There is no timber on the Arkansas, and very little on Pawnee fork. Varieties: elm, ash and box elder, principally.

*Principal Streams.*—The Arkansas river runs northeast through the south half of the county. Pawnee fork runs nearly east, emptying into the Arkansas at Larned. The county is well supplied with springs; well water is obtained at a depth of from 6 to 24 feet.

*Coal.*—None has been discovered.

*Building Stone, etc.*—Sandstone is found in abundance on Pawnee fork; has been tested and reported of good quality. Fire and pottery clay are also said to have been found on the Pawnee fork.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad runs through the county from northeast to southwest, following the course of the Arkansas. Stations, Larned and Garfield.

*Agricultural Statistics.*—Acres in the county, 483,840; taxable acres, 220,019; under cultivation, 4,529.50; cultivated to taxable acres, 2.05 per cent.: increase of cultivated acres during the year, 3,077.50.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.     | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|--------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 748.00   | 15.00          | 11,220   | \$ .98 | \$ 10,995.60      |
| Rye .....                  | bu. 94.00    | 18.00          | 1,692    | .58    | 981.36            |
| Spring Wheat .....         | bu. 4.00     | 12.00          | 48       | .80    | 38.40             |
| Corn .....                 | bu. 2,659.50 | 35.00          | 93,082   | .25    | 23,270.50         |
| Barley .....               | bu. 194.00   | 20.00          | 3,880    | 1.23   | 3,050.40          |
| Oats .....                 | bu. 555.75   | 22.00          | 12,226   | .35    | 4,279.10          |
| Buckwheat .....            | bu. 1.00     | 14.00          | 14.00    | 1.00   | 14.00             |
| Potatoes, Irish .....      | bu. 64.50    | 75.00          | 4,837    | .40    | 1,934.80          |
| Sweet Potatoes .....       | bu. 4.75     | 135.00         | 641      | 1.00   | 641.00            |
| Sorghum .....              | gall. 13.50  | 90.00          | 1,215    | .50    | 607.50            |
| Castor Beans .....         | bu. 5.00     | 10.00          | 50       | 1.05   | 52.50             |
| Cotton .....               | lbs.         |                |          |        |                   |
| Flax .....                 | bu. 26.50    | 7.00           | 185      | .95    | 175.75            |
| Tobacco .....              | lbs.         |                |          |        |                   |
| Broom Corn .....           | lbs. 9.00    | 500.00         | 4,500    | .05    | 225.00            |
| Millet and Hungarian ..... | tons 84.00   | 1.87           | 140      | 6.00   | 840.00            |
| Timothy .....              | tons 7.00    | .75            | 5        | 10.00  | 50.00             |
| Clover .....               | tons 9.00    | 1.50           | 13       | 9.00   | 117.00            |
| Prairie .....              | tons 190.00  | .75            | 90       | 6.00   | 540.00            |

#### CROP EXPERIENCE.—Statement of Ed. R. Bonnell, of Larned:

County, new. Thus far we have been able to produce only sod crops. Acreage of *fall wheat* small, 748 acres, which yielded from 15 to 20 bushels per acre.

*Barley*, drilled on sod broken after the grasshopper raid last fall, averaged 20 bushels per acre, of good quality. *Spring wheat*, drilled on sod, averaged 12 bushels per acre; quality good. I broke sod during the month of March and first days of April, which I harrowed twice over and drilled to *oats* on the 12th day of April, which yielded 22 bushels per acre, extra quality. The kind of oats sown were of the barley variety. *Sod corn*, yielded an average of 20 bushels per acre; quality, good. The acreage of *fall wheat* sown this fall is at least 400 per cent. above that of last fall, which looks exceedingly well. *Soil*, a black, sandy loam, matted with buffalo grass.

*Dairy Products*—Butter manufactured in 1875, 7,095 lbs.

*Farm Animals.*—Number of horses in 1875, 230. Mules and asses, in 1875, 60. Cattle, in 1875, 588. Sheep, in 1875, 1,561. Swine, in 1875, 23.

*Dogs.*—Number of dogs in the county, 103; number of sheep killed by dogs, 2; value of sheep killed by dogs, \$4.66. Number of sheep killed by wolves, 15; value of sheep killed by wolves, \$34.95.

*Horticulture.*—Acres of nurseries, 2; orchards, 23.

*Fences.*—Hedge, 3,840 rods; cost, \$2,304. Total rods of fence, 3,840; total cost, \$2,304.

*Water Powers.*—There is good power on Pawnee fork, not yet utilized.

*Manufactures.*—Nothing reported.

*Banks.*—No banks in the county.

*Newspapers.*—The *Larned Press*, published weekly.

*Schools, etc.*—Organized school districts, 11; school buildings, 1; value of school buildings and grounds, furniture and apparatus, \$650.

*Churches.*—Presbyterian: Organizations 1, membership 25. Baptist: Organizations 1, membership 77. Methodist: Organizations 1, membership 40. Catholic: Organizations 2, membership 300.

*Libraries.*—590 volumes, in six private libraries, are all reported from this county.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$135; poultry and eggs sold, during the year, \$1,382; pounds of wool produced 2,340.

Prices of unoccupied land range from \$3 to \$7 per acre.

## PHILLIPS COUNTY.

Organized in 1872. Named in honor of William Phillips, a prominent Free State citizen of Leavenworth, who was killed in that city September 1st, 1856, during the political troubles of those times. Square miles, 900. Population to square mile, 3.12. Population in 1875, 2,813.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Crystal.....          | 192  | Kirwin.....           | 683  | Long Island.....      | 422  |
| Logan.....            | 191  | Phillipsburg.....     | 674  | Plum.....             | 385  |
| Solomon.....          | 266  |                       |      |                       |      |

*Nativity.*—Born in the United States, 2,563; in Germany, 81; in Ireland, 80; in England and Wales, 42; in Scotland, 11; in Sweden, Norway and Denmark, 12 in France, 4; in South of Europe, 4; in British America, 66.

*Sex.*—Males 1,546; females, 1,267.

### WHERE FROM TO KANSAS.

|                    |     |                     |     |                           |     |
|--------------------|-----|---------------------|-----|---------------------------|-----|
| Arkansas.....      | 7   | Michigan.....       | 75  | Vermont.....              | 11  |
| Colorado.....      | 6   | Minnesota.....      | 18  | West Virginia.....        | 8   |
| Connecticut.....   | 4   | Mississippi.....    | 1   | Wisconsin.....            | 194 |
| Georgia.....       | 2   | Missouri.....       | 310 | Dist. of Columbia and the |     |
| Illinois.....      | 307 | Nebraska.....       | 254 | Territories.....          | 7   |
| Indiana.....       | 68  | New Hampshire.....  | 1   | Germany.....              | 12  |
| Iowa.....          | 917 | New York.....       | 113 | Ireland.....              | 1   |
| Kentucky.....      | 1   | North Carolina..... | 2   | England and Wales.....    | 8   |
| Louisiana.....     | 1   | Ohio.....           | 65  | Sweden, Norway and Den-   |     |
| Maine.....         | 15  | Oregon.....         | 8   | mark.....                 | 3   |
| Maryland.....      | 1   | Pennsylvania.....   | 30  | British America.....      | 16  |
| Massachusetts..... | 7   | Texas.....          | 1   |                           |     |

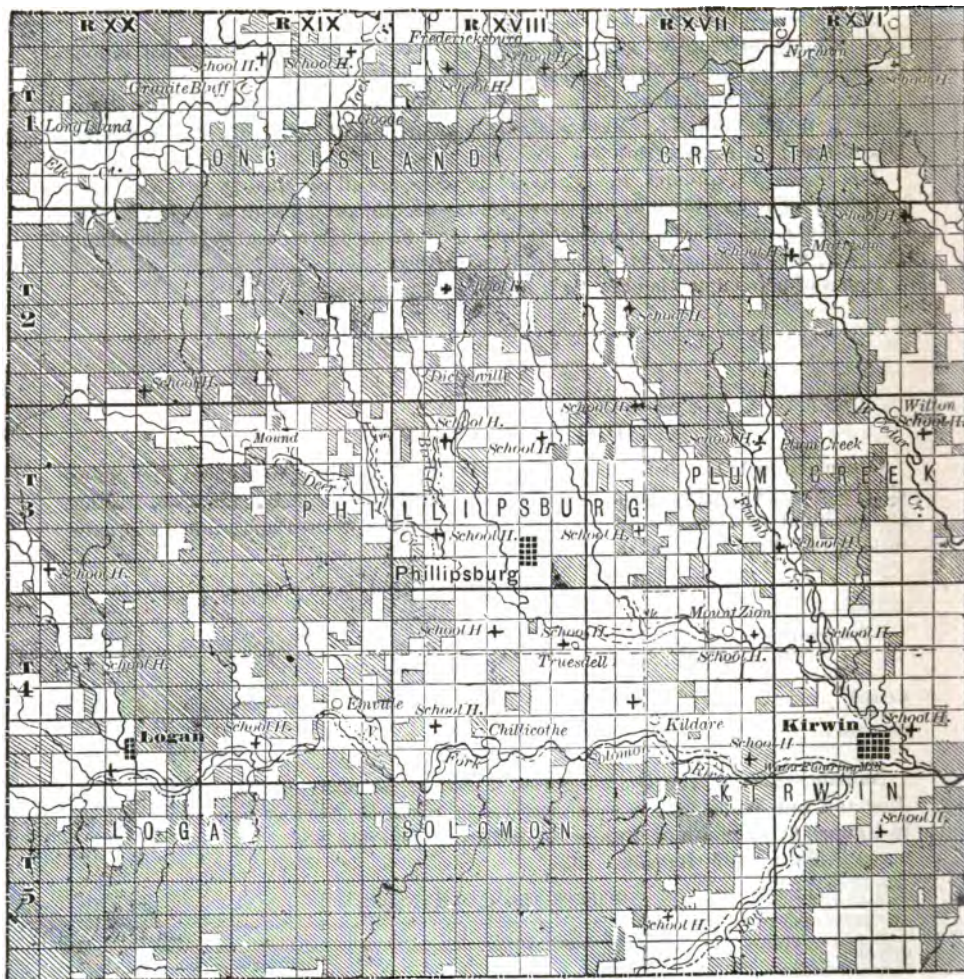


Born in Kansas, 339.

*Occupation.*—There are 674, or 86.5 per cent., engaged in Agriculture; 32, or 4.1 per cent., in Professional and Personal service; 20, or 2.5 per cent., in Trade and Transportation; 53, or 6.8 per cent., in Manufactures and Mining.

*County Seat.*—Phillipsburg, the county seat, is 200 miles in an air line from Topeka, in a northwesterly direction.

MAP OF PHILLIPS COUNTY, KANSAS, 1875.



 Government Lands

*Face of the Country.*—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 2 per cent.; prairie, 98 per cent. Average width of bottoms,  $1\frac{1}{2}$  miles; general surface of the country, undulating, with limestone bluffs on the southern bank of streams.

*Timber.*—Average width of timber belts, one-eighth mile. Varieties: cottonwood, black walnut, box elder and white ash.

**Principal Streams.**—The north fork of the Solomon enters the county near the southwest corner, and flows nearly directly east through the south part of the county. Deer creek runs through the central part of the county from west to east; it is about 35 miles in length and has numerous tributaries, affording excellent water the entire year. There are some springs on the hillsides, but they are mainly confined to the banks of the streams.

**Coal.**—None has been discovered.

**Building Stone, etc.**—Good lime-tone is found in almost all parts of the county, suitable for building purposes and for the manufacture of lime; pottery clay has been found on Deer creek and its tributaries.

**Railroad Connections.**—No railroads have yet been built in the county.

**Agricultural Statistics.**—Acres in the county, 576,000; taxable acres, 19,557; under cultivation, 16,698.69; cultivated to taxable acres, 85.41 per cent.: increase of cultivated acres during the year, 5,250.69.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.     | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|--------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 65.00    | 17.00          | 1,105    | \$ .63 | \$ 696 15         |
| Rye .....                  | 408.25       | 18.00          | 7,348    | .40    | 2,939.20          |
| Spring Wheat .....         | bu. 5,921.50 | 12.00          | 71,058   | .40    | 28,423.20         |
| Corn .....                 | bu. 8,309.00 | 40.00          | 332,360  | .20    | 66,472.00         |
| Barley .....               | bu. 283.00   | 22.00          | 6,226    | 1.15   | 7,159.90          |
| Oats .....                 | bu. 1,154.75 | 25.00          | 28,869   | .19    | 5,485.11          |
| Buckwheat .....            | bu. 8.25     | 14.00          | 115      | .75    | 86.25             |
| Potatoes, Irish .....      | bu. 135.94   | 100.00         | 13,594   | .22    | 2,990.68          |
| Sweet Potatoes .....       | bu. 38       | 145.00         | 55       | .80    | 44.00             |
| Sorghum .....              | gall. 155.75 | 115.00         | 17,911   | .45    | 8,059.95          |
| Castor Beans .....         | bu. 6.12     | 14.00          | 86       | 1.00   | 86.00             |
| Flax .....                 | bu. 2.75     | 8              | 22       | .80    | 17.00             |
| Hemp .....                 | bs. 50       | 500.00         | 250      | .55    | 137.50            |
| Broom Corn .....           | bs. 7.25     | 720.00         | 5,220    | .04    | 208.80            |
| Millet and Hungarian ..... | tons 120.75  | 3.25           | 272      | 6.00   | 1,632.00          |
| Timothy .....              | tons 10.25   | 1.00           | 10       | 5.00   | 50.00             |
| Clover .....               | tons 5.25    | 2.00           | 10       | 5.00   | 50.00             |

**Dairy Products.**—Cheese manufactured in 1875, 400 lbs. Butter manufactured in 1875, 18,082 lbs.

**Farm Animals.**—Number of horses in 1875, 837. Mules and asses in 1875, 152. Cattle in 1875, 2,481. Sheep in 1875, 104. Swine in 1875, 849.

**Dogs.**—Number of dogs in the county, 370; number of sheep killed by dogs, 1; value of sheep killed by dogs, \$2.83. Number of sheep killed by wolves, 3; value of sheep killed by wolves, \$6.99.

**Horticulture.**—Acres of nurseries, 1.25; orchards, 29.75; vineyards, 1.75.

**Fences.**—Rail, 2,707 rods; cost, \$3,992.82. Board, 1,380 rods; cost, \$1,932. Wire, 400 rods; cost, \$320. Hedge, 720 rods; cost, \$396. Total rods of fence, 5,207; total cost, \$6,640.82.

**Water Powers.**—The north fork of the Solomon, and Prairie Dog creek, both afford excellent powers. As yet but two have been improved, supplying a flouring mill at Kirwin, and a saw mill at Logan.

**Manufactures.**—In addition to the mills mentioned above, there is a steam mill at Phillipsburg, capital \$1,500. Kirwin township, one steam saw and grist mill, one water-power grist mill. Logan township, one water-power saw and grist mill.

**Banks.**—There are no banks in this county.

**Newspapers.**—The *Kirwin Chief*, published weekly at Kirwin.

*Schools, etc.*—Organized school districts, 43; school houses, 20; value of school buildings and grounds, furniture, etc., \$8,326.

*Churches.*—Presbyterian: Organizations 1, membership 8. Congregational: Organizations 1, membership 7. Baptist: Organizations 2, membership 101. Methodist: Organizations 7, membership 150. Catholic: Organizations 2, membership 50.

*Libraries.*—No returns.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$1.50; poultry and eggs sold during the year, \$60; pounds of wool produced, 247.

Vacant lands range from \$1.50 to \$4.50 per acre.

## POTTAWATOMIE COUNTY.

Organized in 1856. Named for the Pottawatomie tribe of Indians, whose reservation at the opening of Kansas Territory for settlement, and for many years afterwards, embraced a large portion of the lands of the county. Square miles, 848. Population to square mile, 12.22. Population in 1860, 1,529; in 1870, 7,848: increase in ten years, 6,319; population in 1875, 10,344: increase in five years, 2,496: increase in fifteen years, 8,815.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Belvue .....          | 409  | Blue .....            | 591   | Centre .....          | 719   |
| Clear Creek .....     | 660  | Emmet .....           | 383   | Greene .....          | 300   |
| Louisville .....      | 776  | Mill Creek .....      | 990   | Pottawatomie .....    | 1,085 |
| Rock Creek .....      | 714  | Shannon .....         | 1,076 | St. George .....      | 375   |
| St. Mary's .....      | 735  | Vienna .....          | 515   | Wamego .....          | 1,016 |

*Nativity.*—Born in the United States, 8,443; in Germany, 648; in Ireland, 359; in England and Wales, 165; in Scotland, 56; in Sweden, Norway and Denmark, 342; in France, 67; in North of Europe, 18; in Italy, 1; in South of Europe, 44; in British America, 195; in countries not specified, 6.

*Sex.*—Males, 5,898; females, 4,951.

### WHERE FROM TO KANSAS.

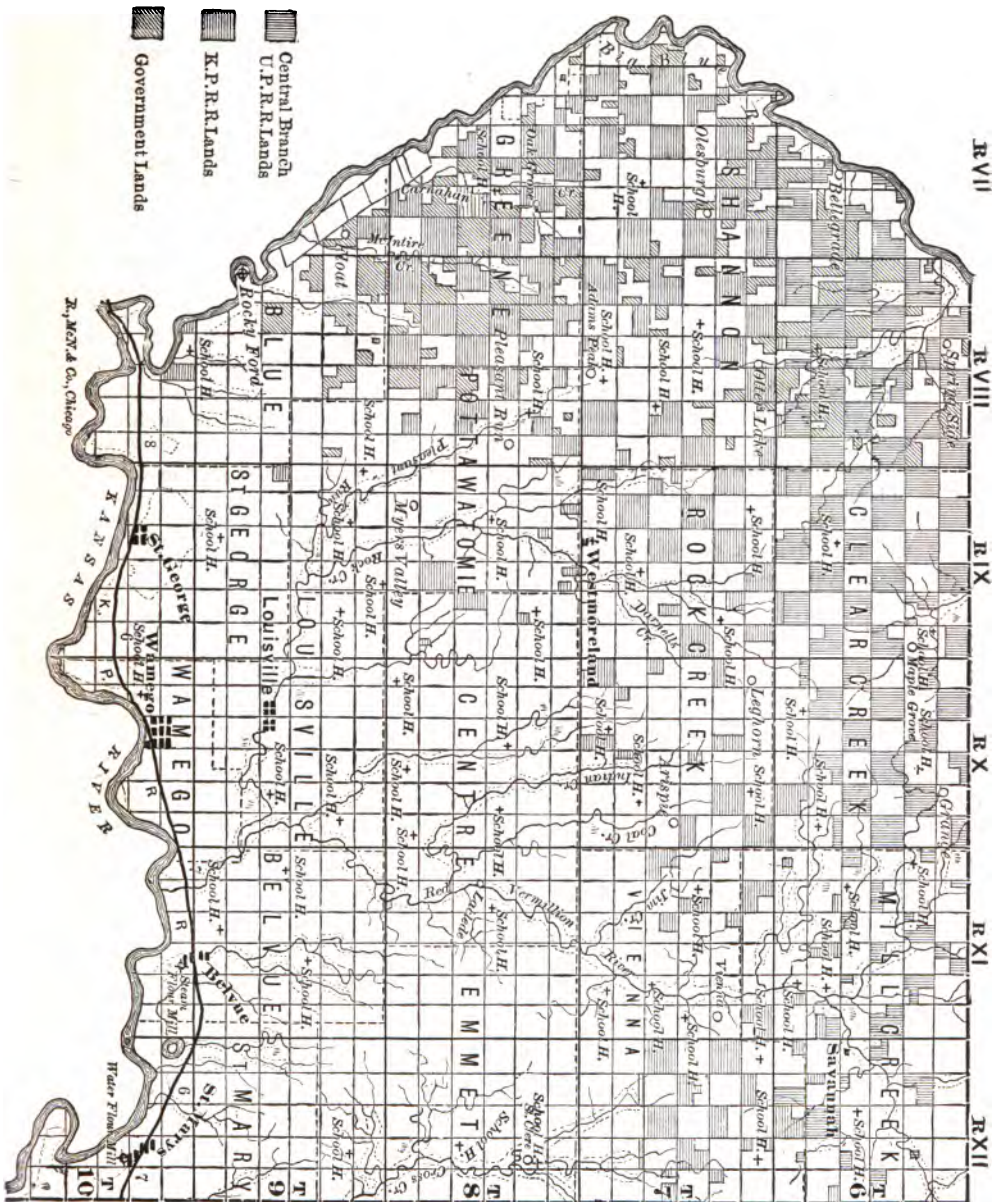
|                     |       |                      |     |                             |     |
|---------------------|-------|----------------------|-----|-----------------------------|-----|
| Arkansas .....      | 9     | Minnesota .....      | 80  | Vermont .....               | 17  |
| California .....    | 15    | Mississippi .....    | 13  | Virginia .....              | 50  |
| Colorado .....      | 14    | Missouri .....       | 871 | West Virginia .....         | 47  |
| Connecticut .....   | 10    | Nebraska .....       | 46  | Wisconsin .....             | 271 |
| Delaware .....      | 3     | New Hampshire .....  | 19  | Dist. of Columbia and the   |     |
| Georgia .....       | 33    | New Jersey .....     | 11  | Territories .....           | 27  |
| Illinois .....      | 1,467 | New York .....       | 294 | Germany .....               | 254 |
| Indiana .....       | 876   | North Carolina ..... | 20  | Ireland .....               | 44  |
| Iowa .....          | 749   | Ohio .....           | 576 | England and Wales .....     | 63  |
| Kentucky .....      | 72    | Oregon .....         | 2   | Scotland .....              | 31  |
| Louisiana .....     | 16    | Pennsylvania .....   | 490 | Sweden, Norway and Den-     |     |
| Maine .....         | 24    | Rhode Island .....   | 2   | mark .....                  | 178 |
| Maryland .....      | 92    | South Carolina ..... | 7   | France .....                | 7   |
| Massachusetts ..... | 49    | Tennessee .....      | 77  | Other South of Europe ..... | 23  |
| Michigan .....      | 256   | Texas .....          | 6   | British America .....       | 108 |

Born in Kansas, 8,053; not otherwise stated, 30.

*Occupation.*—There are 1,935, or 74.8 per cent., engaged in Agriculture; 816, or 12.2 per cent., in Professional and Personal service; 126, or 4.8 per cent., in Trade and Transportation; 210, or 8.1 per cent., in Manufactures and Mining.



MAP OF POTTAWATOMIE COUNTY, KANSAS, 1875.



*County Seat.*—Louisville, the county seat, is 87 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 25 per cent.; upland, 75 per cent.; forest, 4 per cent.; prairie, 96 per cent. Average width of bottoms—of the creeks, one

mile; of the Kansas and Blue rivers, three miles; general surface of the country, bluffy along the Blue, remainder undulating.

*Timber.*—Average width of timber belts, one-quarter mile. Varieties: burr oak, black walnut, elm (white and slippery), white hickory (or pignut), sycamore, cottonwood, honey locust, and some willow.

*Principal Streams.*—Kansas river, flowing east. Big Blue river, flowing nearly south. Tributaries of the Kansas—all flowing south or southeast—are Black Jack, Pleasant run, Rock creek, and a great number of smaller streams falling into the last two named. The Red Vermillion river enters the county on the northeast, and flows in a southwesterly direction, emptying into the Kansas. Tributaries of the Big Blue, Spring creek, with numerous branches, Shannon, Carnahan, McIntyre and Cedar creeks, all flowing in a west or southwest direction. Springs are numerous, except in the river bottoms; and good well water is obtained at a depth of from ten to forty feet.

*Coal.*—O. Leroy Sedgwick, of St. Mary's, reports a ten inch vein of coal, in townships 7, 8 and 10, of range 12, of which a few tons have been mined during the past year, selling at 20 cents per bushel.

*Building Stone, etc.*—Limestone abundant everywhere, except in the Kansas valley.

*Railroad Connections.*—The Kansas Pacific Railway runs through the county, following the Kansas valley.

*Agricultural Statistics.*—Acres in the county, 542,720; taxable acres, 361,067; under cultivation, 87,880.13; cultivated to taxable acres, 24.20 per cent.: increase of cultivated acres during the year, 24,128.13.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

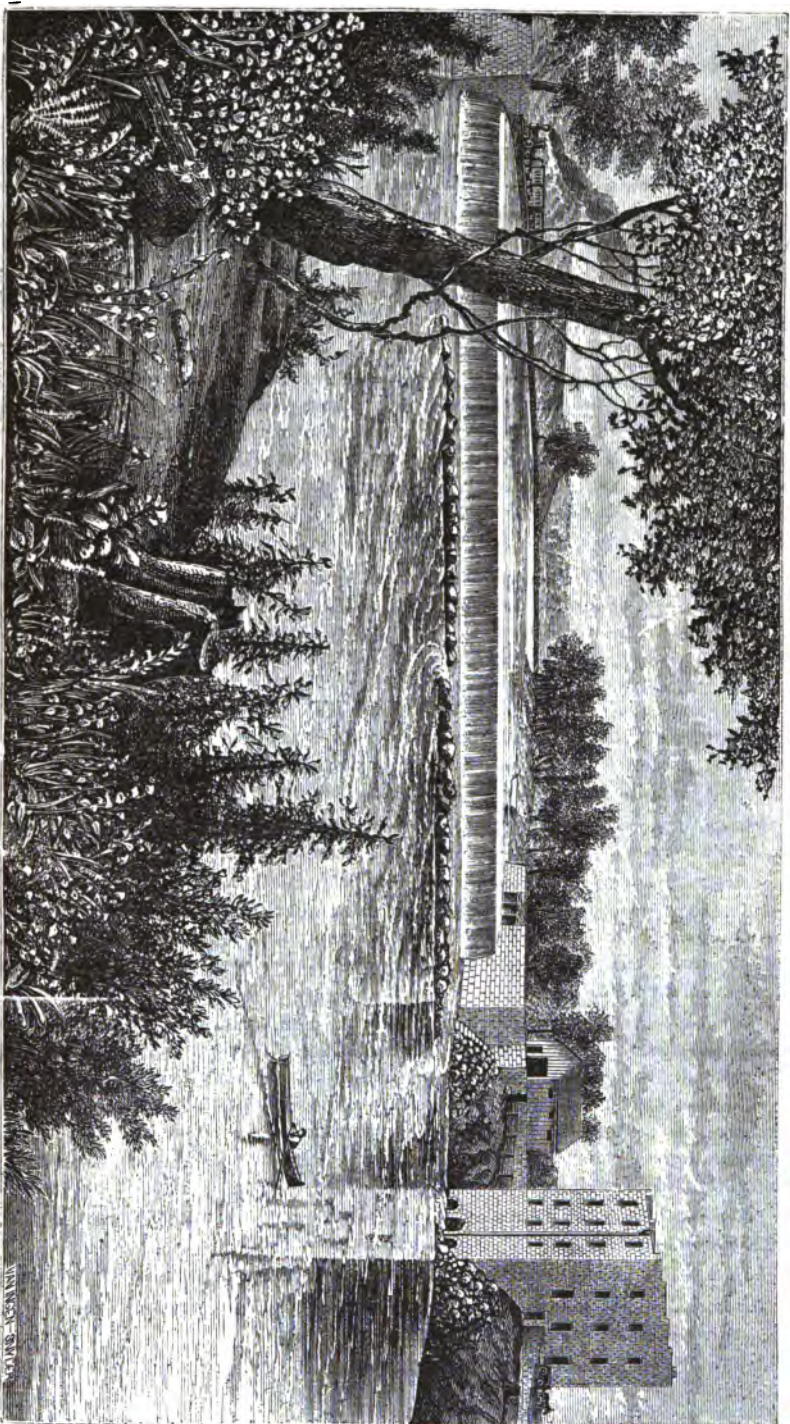
| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 6,663.50  | 17.00          | 106,616   | \$ .99 | \$105,109.88      |
| Rye.....bu.                   | 3,643.83  | 17.00          | 61,945    | .60    | 37,167.00         |
| Spring Wheat.....bu.          | 8,844.50  | 10.00          | 88,445    | .80    | 70,756.00         |
| Corn.....bu.                  | 33,938.75 | 40.00          | 1,358,150 | .34    | 325,956.00        |
| Barley.....bu.                | 2,125.25  | 24.00          | 51,006    | 1.34   | 63,247.44         |
| Oats.....bu.                  | 10,571.60 | 35.00          | 370,286   | .25    | 92,571.50         |
| Buckwheat.....bu.             | 106.50    | 19.00          | 2,023     | .85    | 1,619.55          |
| Potatoes, Irish.....bu.       | 575.73    | 90.00          | 51,815    | .80    | 15,544.50         |
| Sweet Potatoes.....bu.        | 24.11     | 150.00         | 3,616     | 1.00   | 3,616.00          |
| Sorghum.....gall.             | 407.50    | 110.00         | 44,825    | .50    | 22,412.50         |
| Castor Beans.....bu.          | 7.75      | 15.00          | 116       | 1.10   | 127.60            |
| Cotton.....lbs.               |           |                |           |        |                   |
| Flax.....bu.                  | 163.12    | 9.00           | 1,468     | 1.06   | 1,556.08          |
| Tobacco.....lbs.              | 1.25      | 670.00         | 837       | .08    | 66.96             |
| Broom Corn.....lbs.           | 30.00     | 750.00         | 22,500    | .07    | 1,575.00          |
| Millet and Hungarian.....tons | 1,322.25  | 2.75           | 3,636     | 6.50   | 23,634.00         |
| Timothy.....tons              | 90.75     | 1.25           | 113       | 7.00   | 791.00            |
| Clover.....tons               | 27.50     | 2.50           | 69        | 6.50   | 445.50            |
| Prairie.....tons              | 12,778.25 | 1.25           | 15,967    | 3.25   | 51,892.75         |

*Dairy Products.*—Cheese manufactured in 1870, 2,670 lbs.; in 1875, 1,078 lbs.: decrease, 1,592 lbs. Butter manufactured in 1870, 152,422 lbs.; in 1875, 214,905 lbs.: increase, 62,483 lbs.

*Farm Animals.*—Number of horses in 1870, 3,404; in 1875, 5,980: increase, 2,526. Mules and asses, in 1870, 168; in 1875, 452: increase, 284. Cattle, in 1870, 9,561; in 1875, 19,705: increase, 10,144. Sheep, in 1870, 8,346; in 1875, 3,418: increase, 72. Swine, in 1870, 3,451; in 1875, 4,727: increase, 1,276.

*Dogs.*—Number of dogs in the county, 1,907; number of sheep killed by dogs, 52; value of sheep killed by dogs, \$191. Number of sheep killed by wolves, 26; value of sheep killed by wolves, \$60.58.





ROCKY FORD, POTTAWATOMIE COUNTY, KANSAS

*Horticulture.* Acres of nurseries, 19.50; orchards, 1,033.25; vineyards, 46.12.

*Apiaculture.*—Number of stands of bees, 49; pounds of honey, 70; wax, 23.

*Fences.*—Stone, 25,224 rods; cost, \$56,754. Rail, 209,892 rods; cost, \$283,354.20. Board, 73,169 rods; cost, \$117,070.40. Wire, 30,800 rods; cost \$24,640. Hedge, 30,083 rods; cost, \$15,041.50. Total rods of fence, 369,168; total cost, \$496,860.10.

*Water Powers.*—Good powers are furnished by the Big Blue, Rock creek, Red Vermillion and Darnell creek, a branch of Rock creek. Several of these have been utilized. (See "Manufactures")

*Manufactures.*—Rock Creek township, water-powersaw and flouring mill, capital \$2,000. Mill Creek township, water-power saw mill and steam saw mill, combined capital \$1,400; one lime kiln. St. Mary's township, steam flouring mill, capital \$10,000. Centre township, two steam saw mills and water-power flouring mill, combined capital \$18,900. Blue township, water-power flouring mills on the Blue, capital \$150,000. Louisville township, water-power flouring mill, capital \$25,000. Wamego township, steam saw mill, capital \$4,500. Belvue township, steam grist mill, capital \$5,000. City of Wamego, cigar factory. Pottawatomie township, one steam saw mill, one water-power grist mill.

*Banks.*—Banking house of Mucke & Shortridge, Wamego.

*Business Houses of Principal Towns.*—City of Louisville: drugs, oils and paints, 1; hardware, 1; general country store, 1; saddle and harness, 1; all other mercantile pursuits not herein mentioned, 2. City of Wamego: Agricultural implements and wagons, 1; books, periodicals and stationery, 2; boots and shoes, 1; clothing and tailoring, 2; confectionery, 1; dry goods, 5; groceries, 5; gunsmith, 1; hardware, 1; jewelry, clocks, watches, etc., 1; lumber, 2; millinery, 3; saddles and harness, 1; bakery, 1; brickyard, 1. St. Mary's township: Confectionery, 1; drugs, oils and paints, 2; groceries, 1; lumber, 1; saddles and harness, 1; general country stores, 6; all other mercantile pursuits not herein mentioned, 7.

*Newspapers.*—The *Wamego Blade*, Wamego, *Kansas Reporter*, Louisville; and *St. Mary's Times*, St. Mary's; all published weekly.

*Schools, etc.*—Organized school districts, 87; school houses, 79; value of school buildings and grounds, furniture and apparatus, \$43,126. St. Mary's College, under the charge of the Jesuit Fathers; an academy and parochial school for young ladies, conducted by the ladies of the Sacred Heart; a parochial school for boys—all at St. Mary's Mission.

*Churches.*—Presbyterian: Organizations 3, membership 93, church edifices 1, valuation \$4,000. Congregational: Organizations 7, membership 141, church edifices 2, valuation \$5,000. Baptist: Organizations 4, membership 215, church edifices 1, valuation \$2,000. United Presbyterians: Organizations 2, membership 60, church edifices 1, valuation \$400. Methodist: Organizations 3, membership 262. Episcopal: Organizations 1, membership 8. Catholic: Organizations 3, membership 2,250, church edifices 3, valuation \$20,000.

*Libraries.*—Four townships of the fifteen report 85 private libraries, containing 3,220 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$261; poultry and eggs sold during the year, \$4,542.50; pounds of wool produced, 10,267.

Prices of vacant land range from \$1.25 to \$6.50 per acre.

## RENO COUNTY.

Organized in 1872. Named in honor of Jesse L. Reno, Capt. U. S. A., and Maj.-Gen. of Volunteers, who was killed in battle, September 14th, 1862, at South Mountain, Maryland. Square miles, 1,260. Population to square mile, 4.05. Population in 1875, 5,112.

## POPULATION OF 1875. BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|-------|-----------------------|-------|
| Castleton .....       | 307   | Haven .....           | 463   | Medford .....         | 319   |
| Centre .....          | 177   | Langdon .....         | 324   | Reno .....            | 195   |
| Clay .....            | 336   | Lincoln .....         | 304   | Salt Creek .....      | 201   |
| Grant .....           | 340   | Little River .....    | 411   | Troy .....            | 156   |
| Hutchinson .....      | 1,040 | Valley .....          | 372   | Westminster .....     | 167   |
| .....                 | ..... | .....                 | ..... | .....                 | ..... |

*Nativity.*—Born in the United States, 4,477; in Germany, 91; in Ireland, 76; in England and Wales, 146; in Scotland, 13; in Sweden, Norway and Denmark, 38; in France, 26; in North of Europe, 5; in Italy, 1; in South of Europe, 166; in British America, 74.

*Sex.*—Males, 2,794; females, 2,318.

## WHERE FROM TO KANSAS.

|                     |       |                     |     |                             |     |
|---------------------|-------|---------------------|-----|-----------------------------|-----|
| Alabama .....       | 1     | Minnesota .....     | 55  | West Virginia .....         | 15  |
| Arkansas .....      | 16    | Mississippi .....   | 33  | Wisconsin .....             | 110 |
| California .....    | 4     | Missouri .....      | 568 | Dist. of Columbia and the   |     |
| Colorado .....      | 3     | Nebraska .....      | 9   | Territories .....           | 5   |
| Connecticut .....   | 8     | Nevada .....        | 1   | Germany .....               | 17  |
| Georgia .....       | 1     | New Hampshire ..... | 6   | Ireland .....               | 13  |
| Illinois .....      | 1,474 | New Jersey .....    | 10  | England and Wales .....     | 26  |
| Indiana .....       | 353   | New York .....      | 145 | Scotland .....              | 3   |
| Iowa .....          | 579   | Ohio .....          | 310 | Sweden, Norway and Den-     |     |
| Kentucky .....      | 94    | Pennsylvania .....  | 140 | mark .....                  | 5   |
| Louisiana .....     | 9     | Rhode Island .....  | 3   | France .....                | 20  |
| Maine .....         | 23    | Tennessee .....     | 113 | Other North of Europe ..... | 3   |
| Maryland .....      | 7     | Texas .....         | 5   | Italy .....                 | 1   |
| Massachusetts ..... | 37    | Vermont .....       | 9   | Other South of Europe ..... | 156 |
| Michigan .....      | 179   | Virginia .....      | 22  | British America .....       | 31  |

Born in Kansas, 467; not otherwise stated, 5.

*Occupation.*—There are 1,099, or 70.9 per cent., engaged in Agriculture; 182, or 11.7 per cent., in Professional and Personal service; 116, or 7.4 per cent., in Trade and Transportation; 151, or 9.7 per cent., in Manufactures and Mining.

*County Seat.*—Hutchinson, the county seat, is 141 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 1 per cent.; prairie, 99 per cent. The width of bottoms varies from one to ten miles; general surface of the country, gently undulating.

*Timber.*—An inconsiderable amount on the streams.

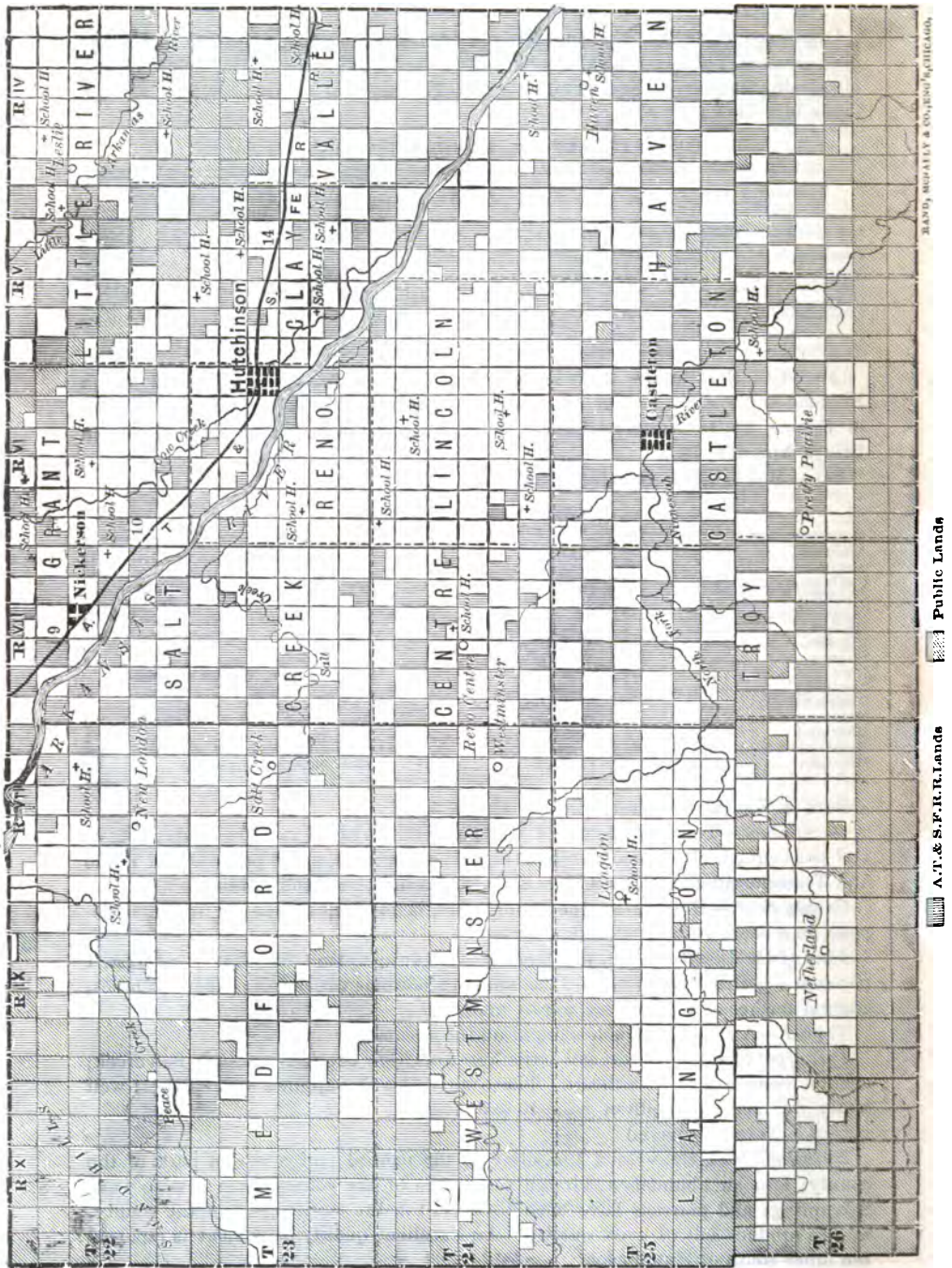
*Principal Streams.*—Great and Little Arkansas, Cow Creek, Ninnescah, Salt creek; general course of all, southeast. The county is well supplied with springs; well water obtained at a depth of from 10 to 50 feet.

*Coal.*—None discovered.

*Building Stone, etc.*—Good limestone in the central and northern parts of the county; also an abundance through the centre of the county from east to west. Salt springs and marshes have been discovered in the western part of the county, said to produce salt of good quality. An excellent quality of cement is reported ten miles south of Hutchinson.



MAP OF RENO COUNTY, KANSAS, 1875.



**Railroad Connections.**—The Atchison, Topeka & Santa Fe Railroad runs through the county from southeast to northwest, following the valley of the Arkansas. Principal station, Hutchinson.

**Agricultural Statistics.**—Acres in the county, 806,400; taxable acres, 331,560; under cultivation, 35,792.12; cultivated to taxable acres, 16.18 per cent.: increase of cultivated acres during the year, 17,897.12.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 8,190.16  | 20.00          | 163,803  | \$ .90 | \$147,421.80      |
| Rye.....bu.                   | 1,088.25  | 20.00          | 21,765   | .59    | 12,841.35         |
| Spring Wheat.....bu.          | 1,301.50  | 11.00          | 13,216   | .62½   | 8,260.00          |
| Corn.....bu.                  | 21,938.50 | 40.00          | 878,340  | .22½   | 197,626.50        |
| Barley.....bu.                | 478.75    | 22.00          | 10,422   | 1.14   | 11,881.08         |
| Oats.....bu.                  | 4,976.25  | 32.00          | 159,208  | .25    | 39,802.00         |
| Buckwheat.....bu.             | 17.50     | 16.00          | 280      | .80    | 224.00            |
| Potatoes, Irish.....bu.       | 230.40    | 175.00         | 40,323   | .50    | 20,161.50         |
| Sweet Potatoes.....bu.        | 29.41     | 170.00         | 5,000    | .80    | 4,000.00          |
| Sorghum.....gall.             | 208.12    | 110.00         | 22,343   | .50    | 11,171.50         |
| Castor Beans.....bu.          | 78.50     | 15.00          | 1,177    | .90    | 1,059.30          |
| Cotton.....lbs.               | 2.50      | 100.00         | 250      | .08    | 20.00             |
| Flax.....bu.                  | 268.50    | 8.00           | 2,124    | .90    | 1,911.60          |
| Hemp.....lbs.                 | 1.00      | 300.00         | 300      | .60    | 180.00            |
| Tobacco.....lbs.              | 8.00      | 450.00         | 3,600    | .06    | 216.00            |
| Broom Corn.....lbs.           | 144.89    | 700.00         | 101,422  | .06½   | 6,582.40          |
| Millet and Hungarian.....tons | 413.25    | 2.50           | 1,033    | 6.00   | 6,198.00          |
| Timothy.....tons              | 8.00      | 1.00           | 8        | 8.00   | 64.00             |
| Clover.....tons               | 3.12      | 2.00           | 6        | 6.00   | 36.00             |
| Prairie.....tons              | 320.00    | 1.25           | 400      | 3.75   | 1,500.00          |

**Dairy Products.**—Cheese manufactured in 1875, 100 lbs. Butter manufactured in 1875, 40,405 lbs.

**Farm Animals.**—Number of horses, in 1875, 1,410. Mules and asses, in 1875, 320. Cattle, in 1875, 3,729. Sheep, in 1875, 263. Swine, in 1875, 1,727.

**Dogs.**—Number of dogs in the county, 412; number of sheep killed by dogs, 11; value of sheep killed by dogs, \$25.63. Number of sheep killed by wolves, 7; value of sheep killed by wolves, \$16.81.

**Horticulture.**—Acres of nurseries, 24.51; orchards, 208.85; vineyards, 11.50.

**Fences.**—Board, 240 rods; cost, \$420. Hedge, 13,477 rods; cost \$7,412.35. Total rods of fence, 13,717; total cost, \$7,832.35.

**Herd Law.**—The herd law has been in force ever since the organization of the county. A correspondent says: "The effect has been most salutary; we could not settle up this country without the herd law, or its equivalent."

**Water Powers.**—Cow creek, at Hutchinson, is said to afford good power, but it has not been utilized.

**Manufactures.**—Reno township, two brick factories.

**Banks.**—Reno County Bank, Hutchinson.

**Newspapers.**—The *News* and *Examiner*, published weekly, at Hutchinson.

**Schools, etc.**—Organized school districts, 72; school houses, 60; value of school buildings and grounds, furniture and apparatus, \$51,808.

**Churches.**—Presbyterian: Organizations 4, membership 87, church edifices 1, valuation \$3,000. Congregational: Organizations 1, membership 35. Baptist: Organizations 3, membership 175. Methodist: Organizations 10, membership 200. Episcopal: Membership 7. Catholic: Organizations 2, membership 230.

**Libraries.**—17 private libraries, having 1,795 volumes, are reported in four townships.

to some extent for local use, and is valued-at from \$2 to \$3 per ton at the mines; lignite.

*Building Stone, etc.*—The county abounds in limestone; that of the western part is good, of the east rather a poor quality. There are several salt springs and one marsh, several thousand acres in extent, located in Grant township, in the southern tier of townships; also a marsh in Beaver township, the extreme southwest township of the county.

*Railroad Connections.*—No railroads have yet been built in the county.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 122,681; under cultivation, 86,743.72; cultivated to taxable acres, 70.73 per cent.: increase of cultivated acres during the year, 25,939.72.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.      | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|---------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 4,337.00  | 17.00          | 73,729   | \$ .83 | \$ 60,457.78      |
| Rye .....                  | bu. 4,810.25  | 20.00          | 86,205   | .48    | 41,378.40         |
| Spring Wheat .....         | bu. 28,755.58 | 15.00          | 402,578  | .65    | 261,675.70        |
| Corn .....                 | bu. 23,512.00 | 40.00          | 940,480  | .23    | 216,310.40        |
| Barley .....               | bu. 2,988.28  | 24.00          | 71,719   | 1.18   | 84,628.42         |
| Oats .....                 | bu. 5,354.16  | 30.00          | 160,625  | .22    | 35,337.50         |
| Buckwheat .....            | bu. 12.50     | 18.00          | 225      | .85    | 191.25            |
| Potatoes, Irish .....      | bu. 576.95    | 115.00         | 66,349   | .30    | 19,904.70         |
| Sweet Potatoes .....       | bu. 1.24      | 140.00         | 174      | .85    | 147.90            |
| Sorghum .....              | gall. 342.21  | 115.00         | 39,354   | .40    | 15,741.60         |
| Castor Beans .....         | bu. 8.25      | 15.00          | 49       | 1.10   | 53.90             |
| Cotton .....               | lbs. 1.50     | .75            | 112      | .07    | 7.84              |
| Flax .....                 | bu. 955.00    | 9.00           | 8,595    | .85    | 7,305.75          |
| Tobacco .....              | lbs. 8.25     | 600.00         | 1,950    | 7½     | 146.25            |
| Broom Corn .....           | lbs. 54.43    | 725.00         | 39,462   | .05    | 1,973.10          |
| Millet and Hungarian ..... | tons 248.25   | 2.50           | 621      | 5.00   | 3,105.00          |
| Timothy .....              | tons 85.50    | 1.00           | 85       | 6.00   | 510.00            |
| Clover .....               | tons 2.75     | 2.50           | 7        | 5.75   | 40.25             |
| Prairie .....              | tons 13.88    | 1.25           | 1,735    | 3.00   | 5,205.00          |

*Dairy Products.*—Cheese manufactured in 1875, 3,275 lbs. Butter manufactured in 1870, 13,790 lbs.; in 1875, 117,265 lbs.: increase, 103,475 lbs.

*Farm Animals.*—Number of horses in 1870, 463; in 1875, 8,108: increase, 2,640. Mules and asses in 1870, 61; in 1875, 308: increase, 247. Cattle in 1870, 1,039; in 1875, 6,050: increase, 5,011. Sheep in 1870, 825; in 1875, 1,056: increase, 731. Swine in 1870, 181; in 1875, 5,033: increase, 4,852.

*Dogs.*—Number of dogs in the county, 1,283; number of sheep killed by dogs, 16; value of sheep killed by dogs, \$37.28.

*Horticulture.*—Acres of nurseries, 15.50; orchards, 842.68; vineyards, 16.50.

*Apiculture.*—Number of stands of bees, 1.

*Fences.*—Stone, 1,420 rods; cost, \$3,372.50. Rail, 18,031 rods; cost, \$26,144.95. Board, 2,195 rods; cost, \$2,908.37. Wire, 2,100 rods; cost, \$1,050. Hedge, 19,262 rods; cost, \$9,631. Total rods of fence, 43,008; total cost, \$43,106.82.

*Herd Law.*—The herd law put in force in this county in June, 1875, but practically in operation for two years before that time. A correspondent says the law is "very beneficial, in fact this county cannot get along without it."

*Water Powers.*—According to our report, there are no water powers in the county, except such as could be utilized at great labor and cost.

*Manufactures.*—Scandia township, steam flouring mill, capital \$20,000. There are salt works at the Marsh in Grant township, which turn out considerable quantities of salt, of good quality. Grant township, one steam grist mill, one steam grist and saw mill.



*Banks.*—There are no banks in this county.

*Business Houses of Principal Town.*—City of Belleville: Agricultural implements and wagons, 2; dry goods, 4; drugs, oils and paints, 2; furniture and upholstery, 3; hardware, 1; lumber, 2; millinery, 1; general country stores, 3; saddles and harness, 1; all other mercantile pursuits not herein mentioned, 2.

*Newspapers.*—The *Telescope* and *Republic*, both published weekly at Belleville.

*Schools, etc.*—Organized school districts, 101; school houses, 79; value of school buildings and grounds, furniture and apparatus, \$39,497.

*Churches.*—Presbyterian: Organizations 2, membership 59, church edifices 2, valuation \$3,500. Baptist: Organizations 3, membership 75. Methodist: Organizations 10, membership 300, church edifices 2, valuation \$2,500. Episcopal: Membership 4. Catholic: Organizations 3, membership 190. Lutheran: Organizations 2, membership 31, church edifices 2, valuation \$3,500.

*Libraries.*—Three townships of the 20 report 26 private libraries, having 1,092 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$480; poultry and eggs sold during the year, \$1,762.37; pounds of wool produced, 3,358.

*Wages.*—Farm laborers, per month, with board, \$12 to \$15; carpenters, per day, \$2 to \$3; bricklayers and stonemasons, per day, \$2 to \$3.50; house painters, per day, \$2.50; wagon makers, per day, \$3; blacksmiths, per day, \$2.50; shoemakers, per day, \$2 to \$3; printers, per day, \$2.50; clerks, per month, \$30 to \$50; tanners, per day, \$2.50 to \$3.

Prices of unoccupied land range from \$2.50 to \$6 per acre.

## RICE COUNTY.

Organized in 1871. Named in honor of Samuel A. Rice, Brig.-Gen. U. S. Volunteers; killed April 30, 1864, at Jenkin's Ferry, Arkansas. Square miles, 720. Population to square mile, 3.40. Population in 1870, 5; population in 1875, 2,453; increase in five years, 2,448.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Atlanta .....         | 495  | Farmer .....          | 498  | Raymond .....         | 414  |
| Sterling .....        | 441  | Union .....           | 288  | Washington .....      | 317  |

*Nativity.*—Born in the United States, 2,225; in Germany, 62; in Ireland, 20; in England and Wales, 59; in Scotland, 11; in Sweden, Norway and Denmark, 22; in France, 17; in South of Europe, 1; in British America, 33; in countries not specified, 1.

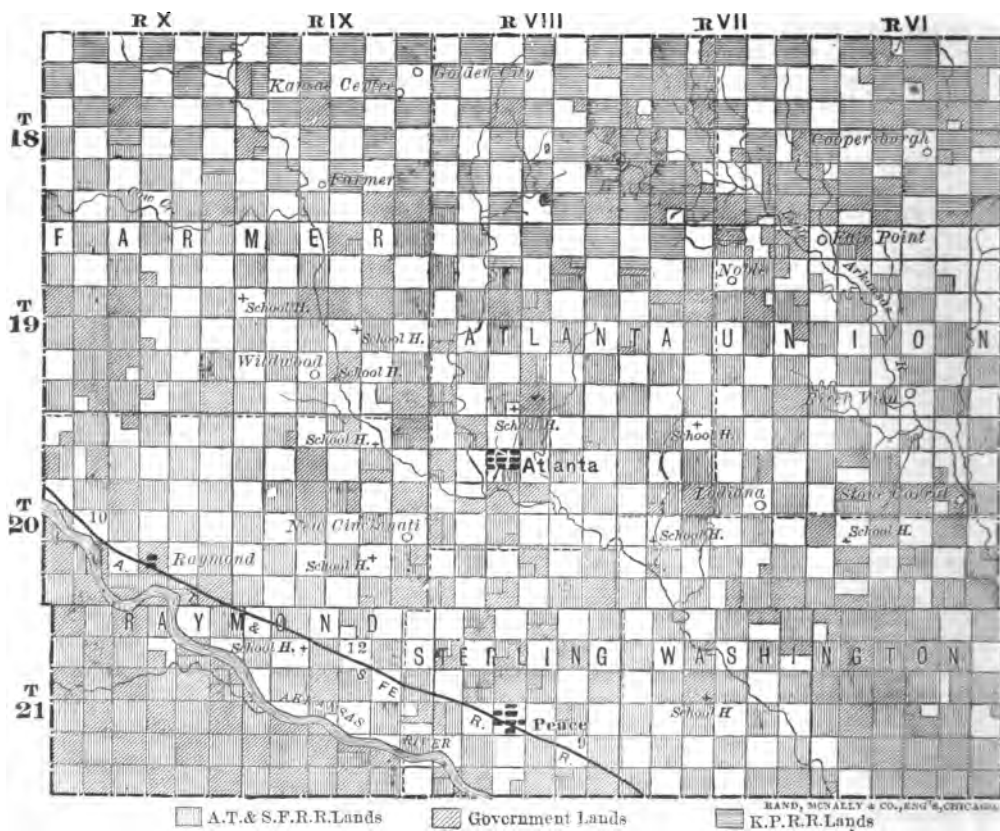
*Sex.*—Males, 1,339; females, 1,114.

## WHERE FROM TO KANSAS.

|                     |     |                      |     |                           |    |
|---------------------|-----|----------------------|-----|---------------------------|----|
| Arkansas .....      | 8   | Nebraska .....       | 19  | West Virginia .....       | 4  |
| Colorado .....      | 14  | New York .....       | 83  | Wisconsin .....           | 56 |
| Illinois .....      | 678 | North Carolina ..... | 1   | Dist. of Columbia and the |    |
| Indiana .....       | 213 | Ohio .....           | 199 | Territories .....         | 3  |
| Iowa .....          | 343 | Oregon .....         | 2   | Germany .....             | 16 |
| Kentucky .....      | 67  | Pennsylvania .....   | 31  | England and Wales .....   | 1  |
| Maryland .....      | 2   | South Carolina ..... | 1   | Scotland .....            | 4  |
| Massachusetts ..... | 2   | Tennessee .....      | 9   | Sweden, Norway and Den-   |    |
| Michigan .....      | 112 | Texas .....          | 4   | mark .....                | 1  |
| Minnesota .....     | 5   | Vermont .....        | 8   | British America .....     | 5  |
| Missouri .....      | 300 | Virginia .....       | 23  |                           |    |

Born in Kansas, 236; not otherwise stated, 4.

MAP OF RICE COUNTY, KANSAS, 1875.



**Occupation.**—There are 572, or 87.8 per cent., engaged in Agriculture; 24, or 3.6 per cent., in Professional and Personal service; 15, or 2.3 per cent., in Trade and Transportation; 40, or 6.1 per cent., in Manufactures and Mining.

**County Seat.**—Atlanta, the county seat, is 145 miles in an air line from Topeka, in a southwesterly direction.

**Face of the Country.**—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, two miles; general surface of the country, undulating.

*Timber.*—Average width of timber belts, one-quarter mile. Varieties: cotton-wood, elm, box elder, ash, hackberry, mulberry, coffee bean.

*Principal Streams.*—The Arkansas river flows southeast. Little Arkansas, south. Cow creek, southeast. Little Cow and Plum creeks, south. The county is well supplied with springs; well water obtained at an average depth of 25 feet.

*Coal.*—None found.

*Building Stone, etc.*—There is an abundance of lime and sandstone in the north-east and southwest corners of the county.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad runs nearly through the centre of the county from east to west, following the valley of the Arkansas. Stations: Peace and Raymond.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 200,092; under cultivation, 22,023.01; cultivated to taxable acres, 11 per cent.: increase of cultivated acres during the year, 9,636.01.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 3,929.50  | 20.00          | 78,590   | \$ .92 | \$ 72,302.80      |
| Rye.....bu.                   | 1,711.50  | 15.00          | 25,672   | .45    | 11,552.40         |
| Spring Wheat.....bu.          | 2,660.25  | 14.00          | 37,243   | .62    | 23,090.66         |
| Corn.....bu.                  | 10,188.50 | 40.00          | 407,540  | .27½   | 112,073.50        |
| Barley.....bu.                | 396.25    | 26.00          | 10,302   | 1.15   | 11,847.30         |
| Oats.....bu.                  | 2,630.50  | 31.00          | 81,565   | .23    | 18,759.95         |
| Buckwheat.....bu.             | 6.00      | 16.00          | 96       | .75    | 72.00             |
| Potatoes, Irish.....bu.       | 190.87    | 75.00          | 14,315   | .30    | 4,294.50          |
| Sweet Potatoes.....bu.        | 7.15      | 163.00         | 1,165    | .90    | 1,048.50          |
| Sorghum.....gall.             | 69.24     | 100.00         | 6,924    | .55    | 3,808.20          |
| Castor Beans.....bu.          | 18.50     | 15.00          | 277      | 1.00   | 277.00            |
| Flax.....bu.                  | 48.50     | 7.00           | 339      | .85    | 288.15            |
| Broom Corn.....bsh.           | 34.50     | 650.00         | 22,425   | .07    | 1,569.75          |
| Millet and Hungarian.....tons | 80.75     | 2.87           | 232      | 4.00   | 928.00            |
| Timothy.....tons              | 7.25      | 1.00           | 7        | 6.00   | 42.00             |
| Clover.....tons               | 11.25     | 2.00           | 22       | 6.00   | 132.00            |
| Prairie.....tons              | 2.00      | 1.50           | 3        | 3.25   | 9.75              |

*A GOOD YIELD.*—Statement of J. C. Stewart, of Atlanta:

*Winter Wheat.* About the 21st of September I sowed a little over nine acres of land with Red May wheat. The soil is a black loam, on upland prairie, and has been in cultivation three years. The two preceding crops were corn. I harvested the crop on the 28th of June, and obtained a yield of over 308 bushels from this field of less than 9½ acres; over 30 bushels to the acre.

The cost of producing was—

|                              |         |
|------------------------------|---------|
| For seed.....                | \$10.00 |
| Putting in.....              | 15.00   |
| Harvesting and Stacking..... | 24.75   |
| Threshing.....               | 27.50   |

*Dairy Products.*—Cheese manufactured in 1875, 6 lbs. Butter manufactured in 1875, 28,624 lbs.

*Farm Animals.*—Number of horses in 1870, 5; in 1875, 890: increase, 885. Mules and asses, in 1875, 148. Cattle, in 1870, 42; in 1875, 2,317: increase, 2,275. Sheep, in 1870, 4; in 1875, 204: increase, 200. Swine, in 1870, 9; in 1875, 1,021: increase, 1,012.

*Dogs.*—Number of dogs in the county, 367; number of sheep killed by dogs, 3; value of sheep killed by dogs, \$6.99.

*Horticulture.*—Acres of nurseries, 11; orchards, 67; vineyards, 2.

*Apiculture.*—Number of stands of bees, 1.

*Fences.*—Rail, 25 rods; cost, \$36.25. Board, 290 rods; cost, \$507.50. Hedge, 7,875 rods; cost, \$4,331.25. Total rods of fence, 8,190; total cost, \$4,875.

*Herd Law.*—Herd law in force throughout the county since May, 1872. Our reporter says: "It is beneficial to the interests of the citizens of the county. Should the law be repealed, it would be almost impossible to raise crops."

*Water Powers.*—Said to be good powers, but none have been utilized.

*Manufactures.*—Sterling township, one steam flouring mill.

*Banks.*—No banks in this county.

*Newspapers.*—The *Rice County Herald* and *Rice County Gazette*, published weekly at Peace.

*Schools, etc.*—Organized school districts, 41; school houses, 20; value of school buildings, grounds, etc., \$18,546.

*Churches.*—Presbyterian: Organizations 1, membership 12. Congregational: Organizations 1, membership 23, church edifices 1, valuation \$3,000. Baptist: Organizations 1, membership 40. Catholic: Organizations 2, membership 125. •

*Libraries.*—One public and 34 private libraries, aggregating 1,914 volumes, are reported from this county.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$25; poultry and eggs sold during the year, \$418; pounds of wool produced, 400.

*Wages.*—Farm laborers, per month, with board, \$16 to \$20; laborers in cities or on public improvements, per day, \$1.50; carpenters, per day, \$1.75 to \$2; bricklayers and stonemasons, per day, \$2; house painters, per day, \$2; wagon makers, per day, \$2; blacksmiths, per day, \$2; shoemakers, per day, \$2; harness makers, per day, \$1.50 to \$2; printers, per day, \$1.50; printers, per 1,000 ems, 35 cents; clerks, per month, \$40; tanners, per day, \$2.

Vacant lands range from \$2 to \$6 per acre.

## RILEY COUNTY.

Organized in 1855. Received its name from the military post adjacent to the county, and which, established in 1853, was named in honor of Gen. Riley of the U. S. Army. Population in 1860, 1,224; in 1870, 5,105: increase in ten years, 3,881; population in 1875, 7,065: increase in five years, 1,960: increase in fifteen years, 5,841.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|------|-----------------------|-------|
| Ashland.....          | 206   | Bala.....             | 463  | Grant.....            | 782   |
| Jackson.....          | 1,092 | Madison.....          | 416  | Manhattan City.....   | 1,381 |
| Manhattan.....        | 695   | May Day.....          | 961  | Ogden.....            | 647   |
| Zeandale.....         | 432   |                       |      |                       |       |

MAP OF RILEY COUNTY, KANSAS, 1875.



*Nativity.*—Born in the United States, 5,390; in Germany, 529; in Ireland, 73; in England and Wales, 196; in Scotland, 19; in Sweden, Norway and Denmark, 662; in France, 5; in North of Europe, 2; in South of Europe, 72; in British America, 112; in countries not specified, 5.

*Sex.*—Males, 3,748; females, 3,317.

## WHERE FROM TO KANSAS.

|                    |     |                     |     |                            |     |
|--------------------|-----|---------------------|-----|----------------------------|-----|
| Alabama.....       | 3   | Mississippi.....    | 1   | West Virginia.....         | 60  |
| Arkansas.....      | 17  | Missouri.....       | 409 | Wisconsin.....             | 156 |
| California.....    | 2   | Nebraska.....       | 56  | Dist. of Columbia and the  |     |
| Connecticut.....   | 42  | New Hampshire.....  | 43  | Territories.....           | 11  |
| Florida.....       | 1   | New Jersey.....     | 21  | Germany.....               | 199 |
| Georgia.....       | 2   | New York.....       | 285 | Ireland.....               | 3   |
| Illinois.....      | 902 | North Carolina..... | 21  | England and Wales.....     | 70  |
| Indiana.....       | 406 | Ohio.....           | 367 | Scotland.....              | 2   |
| Iowa.....          | 446 | Oregon.....         | ... | Sweden, Norway and Den-    |     |
| Kentucky.....      | 64  | Pennsylvania.....   | 248 | mark.....                  | 398 |
| Louisiana.....     | 10  | Rhode Island.....   | 51  | France.....                | 1   |
| Maine.....         | 39  | South Carolina..... | 3   | Other North of Europe..... | 1   |
| Maryland.....      | 39  | Tennessee.....      | 56  | Italy.....                 | ... |
| Massachusetts..... | 83  | Texas.....          | 16  | Other South of Europe..... | 38  |
| Michigan.....      | 236 | Vermont.....        | 43  | British America.....       | 67  |
| Minnesota.....     | 26  | Virginia.....       | 61  | .....                      | ... |

Born in Kansas, 2,057; not otherwise stated, 2.

*Occupation.*—There are 1,360, or 68.3 per cent., engaged in Agriculture; 287, or 14.4 per cent., in Professional and Personal service; 116, or 5.8 per cent., in Trade and Transportation; 228, or 11.4 per cent., in Manufactures and Mining.

*County Seat.*—Manhattan, the county seat, is 50 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 4 per cent.; prairie, 96 per cent. Average width of bottoms, from one-half to two miles; general surface of the country—southern and eastern portions bluffy, western and northern portions undulating.

*Timber.*—Average width of timber belts, one-quarter of a mile. Prevailing varieties: oak, walnut and cottonwood.

*Principal Streams.*—The Kansas river flows through the southeastern portion of the county, and the county is bounded on the east by the Big Blue river, flowing southeast, and the Republican river flows southeast across the southwest corner of the county. Fancy and Mill creeks, running into the Blue in an easterly direction, traverse, with their branches, the northern and northwestern portions of the county. Wild Cat and Seven-Mile creeks, flowing southeast into the Kansas, water the centre of the county; and Madison, Timber, and Three-Mile creeks, running west into the Republican, water the western portion; while south of the Kansas, McDowell, Deep and School creeks supply the southern end of the county. Springs are abundant, and well water is obtained at a depth of 26 feet on the bottoms, and from 60 to 80 feet on the high grounds.

*Coal.*—None has been developed.

*Building Stone, etc.*—The county is well supplied with an excellent quality of magnesian limestone, in layers from two to six inches in width.

*Railroad Connections.*—The Kansas Pacific Railway crosses the southwestern portion of the county, traversing the valley of the Kansas river. Principal stations: Manhattan and Ogden. The Manhattan & Northwestern Railroad from Manhattan up the valley of the Blue is under contract, and will soon form a connection with the Union Pacific Central Branch, at Irving, and with the St. Joseph & Denver City Railroad at Marysville.

*Agricultural Statistics.*—Acres in the county, 394,880; taxable acres, 217,909; under cultivation, 57,607.23; cultivated to taxable acres, 26.43 per cent.: increase of cultivated acres during the year, 19,065.23.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 5,393.50  | 17.00          | 91,619    | \$.99  | \$ 9,702.81       |
| Rye.....bu.                   | 2,465.50  | 17.00          | 41,913    | .60    | 25,147.80         |
| Spring Wheat.....bu.          | 7,585.50  | 12.00          | 91,026    | .75    | 68,269.50         |
| Corn.....bu.                  | 15,326.00 | 41.00          | 628,366   | .23    | 144,524.18        |
| Barley.....bu.                | 1,359.50  | 22.00          | 29,909    | 1.22   | 34,488.98         |
| Oats.....bu.                  | 5,125.25  | 28.00          | 143,507   | .30    | 43,058.10         |
| Buckwheat.....bu.             | 2.50      | 18.00          | 45        | .85    | 38.25             |
| Potatoes, Irish.....bu.       | 366.87    | 90.00          | 33,018    | .35    | 11,556.30         |
| Sweet Potatoes.....bu.        | 25.37     | 125.00         | 3,171     | 1.00   | 3,171.00          |
| Sorghum.....gall.             | 179.50    | 115.00         | 20,642    | .50    | 10,321.00         |
| Castor Beans.....bu.          | 2.75      | 14.00          | 38        | 1.10   | 41.80             |
| Cotton.....lbs.               | 1.00      | 75             | 75        | .08    | 6.00              |
| Flax.....bu.                  | 53.62     | 9.00           | 483       | 1.05   | 507.15            |
| Hemp.....lbs.                 |           |                |           |        |                   |
| Broom Corn.....lbs.           | 40.37     | 700.00         | 28,259    | .06    | 1,695.54          |
| Millet and Hungarian.....tons | 1,679.50  | 2.75           | 4,619     | 5.00   | 23,095.00         |
| Timothy.....tons              | 271.00    | 1.00           | 271       | 7.00   | 1,897.00          |
| Clover.....tons               | 3.50      | 2.50           | 8         | 6.50   | 52.00             |
| Prairie.....tons              | 9,356.00  | 1.25           | 11,695.00 | 3.25   | 38,008.75         |

*Dairy Products.*—Cheese manufactured in 1870, 1,044 lbs.; in 1875, 11,105 lbs.: increase, 10,061 lbs. Butter manufactured in 1870, 111,590 lbs.; in 1875, 138,346 lbs.: increase, 26,756 lbs.

*Farm Animals.*—Number of horses, in 1870, 2,299; in 1875, 3,729: increase, 1,430. Mules and asses, in 1870, 189; in 1875, 216: increase, 27. Cattle, in 1870, 6,650; in 1875, 13,228: increase, 6,578. Sheep, in 1870, 2,190; in 1875, 2,113: decrease, 77. Swine, in 1870, 1,758; in 1875, 2,929: increase, 1,171.

*Dogs.*—Number of dogs in the county, 1,129; number of sheep killed by dogs, 87; value of sheep killed by dogs, \$202.71. Number of sheep killed by wolves, 66; value of sheep killed by wolves, \$153.78.

*Horticulture.*—Acres of nurseries, 11; orchards, 512.62; vineyards, 12.50.

*Apiaculture.*—Number of stands of bees, 20; pounds of honey, 500.

*Fences.*—Stone, 41,645 rods; cost \$124,935. Rail, 65,236 rods; cost, \$89,699.50. Board, 13,508 rods; cost \$23,639. Wire, 12,000 rods; cost \$9,000. Hedge, 44,080 rods; cost, \$22,040. Total rods of fence, 176,469; total cost, \$269,313.50.

*Water Powers.*—A small dam on Fancy creek furnishes one mill with sufficient power during a portion of the year; a dam across the Big Blue, at Rocky Ford, furnishes about 2,000 horse-power, and supplies a flouring mill.

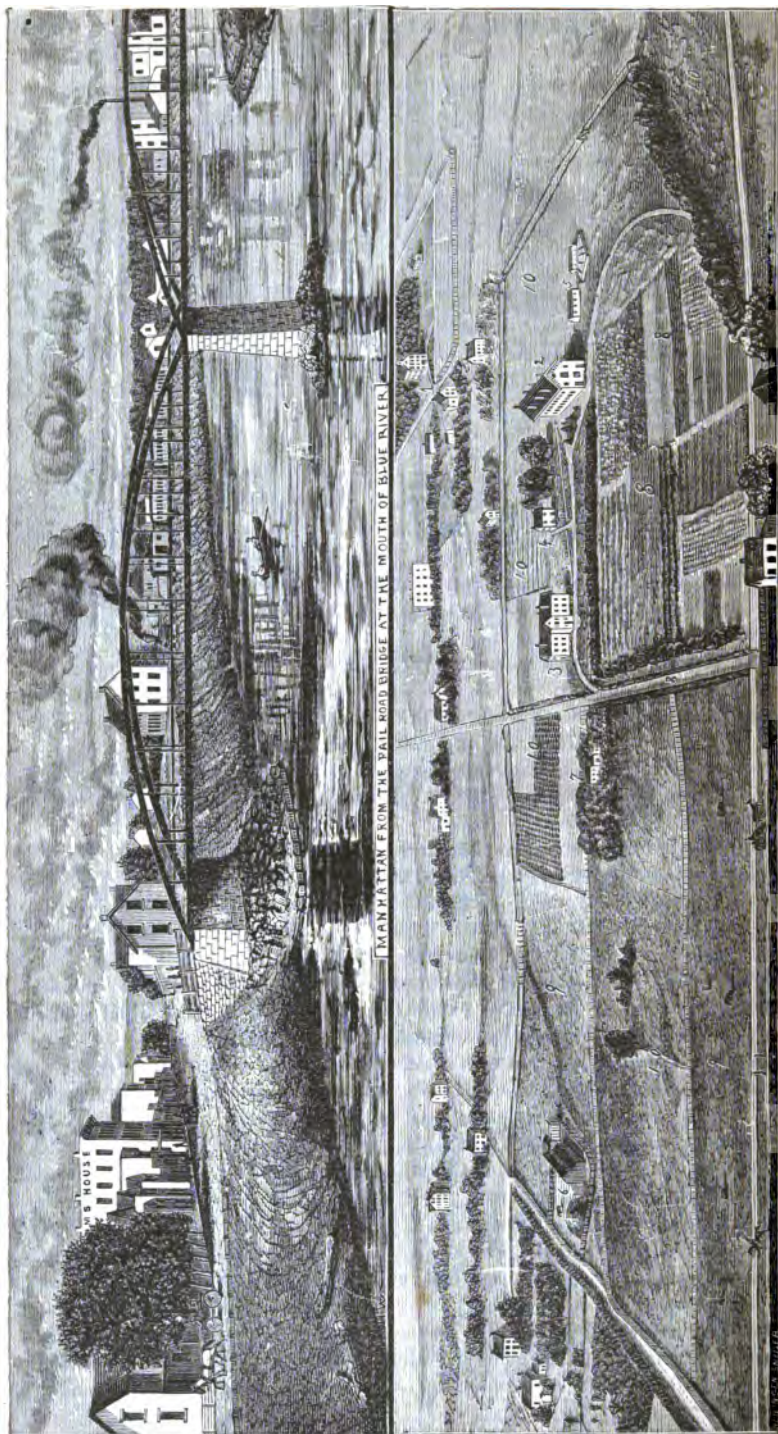
*Manufactures.*—Manhattan, one water-power grist and saw mill, two wagon and carriage factories, one boot and shoe factory, one cigar manufactory. Ogden, one brewery. Grant township, one steam saw mill, one cheese factory. May Day township, one grist mill. Jackson township, two saw mills.

*Banks.*—First National Bank of Manhattan, capital \$50,000; banking house of William P. Higginbotham, Manhattan, and the Manhattan Bank. The two last named banks have an aggregate capital of \$25,000.

*Business Houses of Principal Town.*—City of Manhattan: Agricultural implements and wagons, 2; books, periodicals and stationery, 1; boots and shoes, 3; clothing and tailoring, 2; confectionery 2; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 4; gunsmiths, 1; hardware, 2; jewelry, clocks, watches, etc., 2; lumber, 2; millinery, 2; general country stores, 4; saddles and harness, 1; all other mercantile pursuits, 4. Ogden township: general country stores, 3; saddles and harness, 1; grain, 1.

*Newspapers.*—The *Nationalist and Industrialist*, published weekly at Manhattan.





1. OLD COLLEGE BUILDING.
2. PRESENT COLLEGE BUILDING.
3. WORK SHOPS.

4. PRESIDENT'S HOUSE.
5. FIGGERY.
6. STOCK YARD AND STABLES.
7. OLD FARM HOUSE.

# BIRD'S-EYE VIEW OF THE STATE AGRICULTURAL COLLEGE

8. NURSERY.
9. PASTURE.
10. GROUNDS FOR CULTIVATION.

*Schools, etc.*—Organized school districts, 57; school houses, 51; value of school houses and grounds, furniture and apparatus, \$48,605. The State Agricultural College is located at Manhattan.

*Churches.*—Presbyterian: Organizations 2, membership 97, church edifices 1, valuation \$7,400. Congregational: Organizations 3, membership 155, church edifices 2, valuation \$4,500. Baptist: Organizations 2, membership 79, church edifices 1, valuation \$3,000. Methodist: Organizations 3, membership 238, church edifices 2, valuation \$6,800. Episcopal: Organizations 1, membership 75, church edifices 1, valuation \$9,000. Catholic: Organizations 5, membership 450, church edifices 2, valuation \$900.

*Libraries.*—No returns.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$1,665; poultry and eggs sold during the year, \$4,053; pounds of wool produced, 11,958.

Prices of unoccupied land range from \$2 to \$7.50 per acre.

## RUSH COUNTY.

Organized in 1874. Named in honor of Alexander Rush, Captain of Company H, Second Colored Infantry, who was killed in battle April 3d, 1864, at Jenkins' Ferry, Arkansas. Population in 1875, 451.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Alexander .....       | 69   | Brockdale.....        | 66   | Centre .....          | 106  |
| Pioneer .....         | 210  |                       |      |                       |      |

*Nativity.*—Born in the United States, 401; in Germany, 18; in Ireland, 4; in England and Wales, 13; in Scotland, 2; in Sweden, Norway, and Denmark, 1; in British America, 12.

*Sex.*—Males, 263; females, 188.

### WHERE FROM TO KANSAS.

|                    |     |                     |    |                    |    |
|--------------------|-----|---------------------|----|--------------------|----|
| Colorado .....     | 8   | Minnesota.....      | 1  | Tennessee.....     | 6  |
| Illinois.....      | 82  | Missouri.....       | 70 | Virginia.....      | 6  |
| Indiana.....       | 17  | Nebraska.....       | 37 | West Virginia..... | 4  |
| Iowa.....          | 104 | New York.....       | 2  | Wisconsin.....     | 20 |
| Kentucky.....      | 10  | North Carolina..... | 12 | Germany.....       | 3  |
| Massachusetts..... | 1   | Ohio.....           | 7  |                    |    |
| Michigan.....      | 4   | Pennsylvania.....   | 15 |                    |    |

Born in Kansas, 42; not otherwise stated, 1.

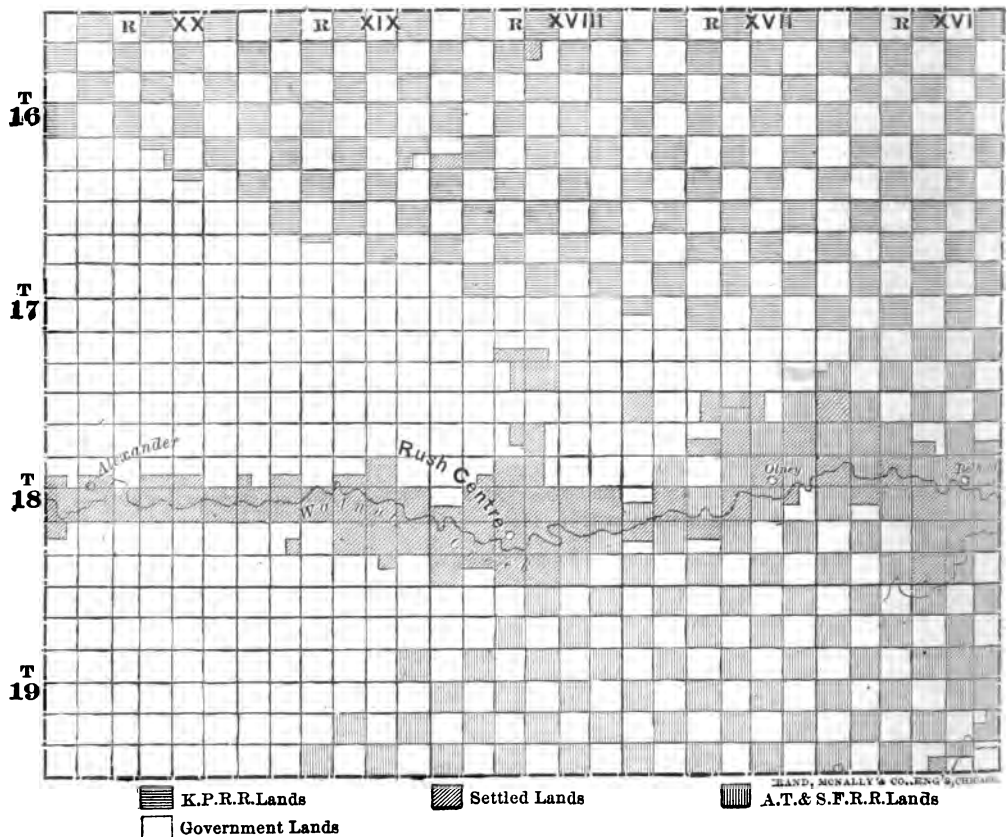
*Occupation.*—There are 133, or 89.1 per cent., engaged in Agriculture; 4, or 2.7 per cent., in Professional and Personal service; 4, or 2.7 per cent., in Trade and Transportation; 7, or 4.7 per cent., in Manufactures and Mining.

*County Seat.*—Rush Centre, the county seat, is 200 miles in an air line from Topeka, in a southwesterly direction.

*Railroad Connections.*—No railroads in the county.

*Agricultural Statistics.*—Acres in the county, 460,800; taxable acres, 64,039; under cultivation, 1,763; cultivated to taxable acres, 2.75 per cent.: increase of cultivated acres during the year, 1,767.

MAP OF RUSH COUNTY, KANSAS, 1875.



ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 185.00   | 15.00          | 2,775    | \$ .75 | \$ 2,081.25       |
| Rye.....bu.                   | 20.00    | 16.00          | 320      | .45    | 144.00            |
| Spring Wheat.....bu.          | 232.00   | 15.00          | 3,480    | .60    | 1,948.80          |
| Corn.....bu.                  | 635.50   | 35.00          | 22,242   | .25    | 5,560.50          |
| Barley.....bu.                | 89.00    | 15.00          | 1,335    | 1.10   | 1,468.50          |
| Oats.....bu.                  | 252.00   | 20.00          | 5,040    | .27½   | 1,386.00          |
| Potatoes, Irish.....bu.       | 40.00    | 65.00          | 2,600    | .80    | 1,080.00          |
| Sweet Potatoes.....bu.        | 1.50     | 135.00         | 202      | 1.00   | 202.00            |
| Sorghum.....gall.             | 23.50    | 90.00          | 2,115    | .62    | 1,311.30          |
| Broom Corn.....bbs.           | 20.00    | 650.00         | 13,000   | .03    | 390.00            |
| Millet and Hungarian.....tons | 264.50   | 2.00           | 529      | 6.00   | 3,174.00          |

**CROP EXPERIENCE.**—Statement of G. Able, of Alexander:

September 30th I drilled in Early May wheat on bottom land, which had been plowed eight or nine inches deep. This ground was broken the previous June, and this was the first crop. Harvested on the 20th of June, and obtained a yield of 32 bushels per acre. The soil is a black loam.

*Dairy Products.*—Cheese manufactured in 1875, 40 lbs. Butter manufactured in 1875, 4,076 lbs.

*Farm Animals.*—Number of horses in 1875, 207. Mules and asses in 1875, 25. Cattle in 1875, 920. Sheep in 1875, 538. Swine in 1875, 34.

*Dogs.*—Number of dogs in the county, 60; number of sheep killed by dogs, 1; value of sheep killed by dogs, \$2.33. Number of sheep killed by wolves, 7; value of sheep killed by wolves, \$16.31.

*Horticulture.*—Acres of nurseries, 8; orchards, 14.

*Fences.*—Rail, 460 rods; cost, \$678.50. Total rods of fence, 460; total cost, \$678.50.

*Herd Law.*—The herd law has only been in force six months; not long enough to decide as to its advantages.

*Manufactures.*—Nothing reported.

*Banks.*—There are no banks.

*Newspapers.*—None published in the county.

*Schools.*—Organized school districts, 6; school buildings, 3.

*Churches.*—Congregational: Organizations 1; membership 17.

*Libraries.*—Eight private libraries, containing 625 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$330; poultry and eggs sold during the year, \$232; pounds of wool produced, 1,433.

*Wages.*—Farm laborers, per month, with board, \$15 to \$20; carpenters, per day, \$2 to \$2.50.

Prices of unoccupied land range from \$1.50 to \$4 per acre.

**RUSSELL COUNTY.**

Organized in 1872. Named in honor of Avra P Russell, Captain of Company K, Second Kansas Cavalry, who died of wounds received in battle, Dec. 7, 1863, at Prairie Grove, Arkansas. Square miles, 900; population to square mile, 1.33. Population in 1870, 156; population in 1875, 1,212; increase in five years, 1,056.

**POPULATION OF 1875, BY TOWNSHIPS AND CITIES.**

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Centre .....          | 382  | Fairview .....        | 177  | Paradise .....        | 71   |
| Plymouth .....        | 146  | Russell .....         | 276  | City of Russell ..... | 160  |
| .....                 |      | .....                 |      | .....                 |      |

*Nativity.*—Born in the United States, 1,066; in Germany, 40; in Ireland, 17; in England and Wales, 40; in Scotland, 6; in Sweden, Norway and Denmark, 6; in France, 1; in South of Europe, 9; in British America, 12; in countries not specified, 2.

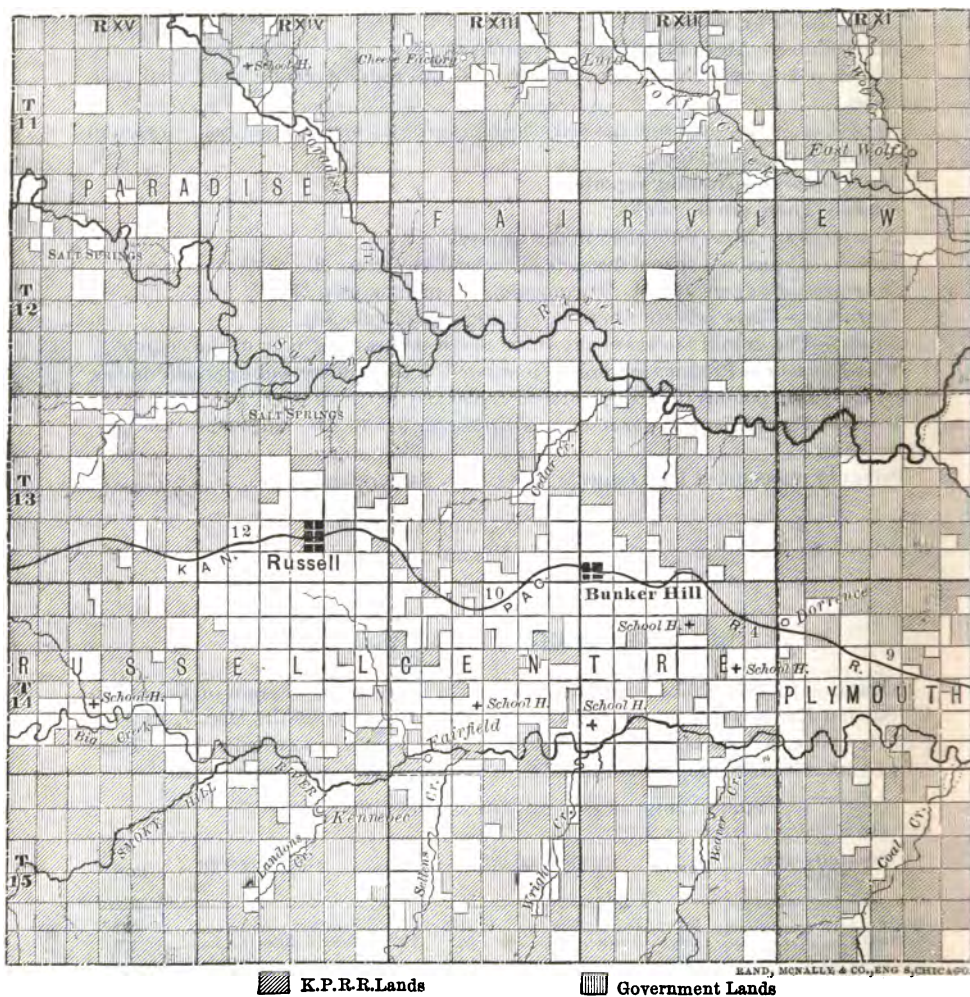
*Sex.*—Males, 679; females, 533.



## WHERE FROM TO KANSAS.

|                   |     |                      |    |                          |     |
|-------------------|-----|----------------------|----|--------------------------|-----|
| Arkansas .....    | 3   | Massachusetts .....  | 2  | Pennsylvania .....       | 199 |
| California .....  | 1   | Michigan .....       | 15 | Texas .....              | 15  |
| Colorado .....    | 11  | Minnesota .....      | 41 | Vermont .....            | 1   |
| Connecticut ..... | 26  | Missouri .....       | 96 | Virginia .....           | 11  |
| Illinois .....    | 143 | Nebraska .....       | 22 | Wisconsin .....          | 159 |
| Indiana .....     | 61  | Nevada .....         | 2  | Dis. of Columbia and the |     |
| Iowa .....        | 118 | New Jersey .....     | 1  | Territories .....        | 1   |
| Kentucky .....    | 14  | New York .....       | 43 | Germany .....            | 1   |
| Louisiana .....   | 1   | North Carolina ..... | 4  | England and Wales .....  | 10  |
| Maryland .....    | 10  | Ohio .....           | 68 | Scotland .....           | 3   |
| Maine .....       | 5   | Oregon .....         | 1  | .....                    |     |

MAP OF RUSSELL COUNTY, KANSAS, 1875.



Born in Kansas, 123; not otherwise stated, 6.

**Occupation.**—There are 272, or 80.2 per cent., engaged in Agriculture; 18, or 5.3 per cent., in Professional and Personal service; 15, or 4.4 per cent., in Trade and Transportation; 34, or 10 per cent., in Manufactures and Mining.

*County Seat.*—Russell, the county seat, is 172 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom lands, 20 per cent.; upland, 80 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, three-quarters of a mile; general surface of the country, undulating; some portions bluffy.

*Timber.*—A mere fringe along the streams. Varieties: cottonwood, ash, elm and willow; on Paradise creek, some oak, black walnut and cedar.

*Principal Streams.*—The Smoky Hill river flows from west to east through the southern part of the county. The Saline river from west to east, a little north of the centre; principal tributary from the north, Paradise creek; a number of smaller streams tributary to both rivers. The county is moderately supplied with springs; well water is obtained on the bottoms at a depth of from 10 to 40 feet; on the high prairies, from 20 to 200 feet.

*Coal.*—Poor coal, in inconsiderable quantities, has been developed, in veins of from 30 to 40 inches, of which 500 tons have been mined during the year, valued at \$2 per ton at the mine; lignite.

*Building Stone, etc.*—The western part of the county has some limestone of fair quality. There is an abundance of excellent building stone, 6 to 9 inches in thickness, easy of access. It has been shipped east and west on the Kansas Pacific R. R. for building purposes. There is an abundance of sandstone of poor quality. There are some salt springs, mineral paint and pottery clay, but they have not been developed, and their quality and quantity are not known.

*Railroad Connections.*—The Kansas Pacific Railway runs through the county from east to west, a little south of the centre. Stations, Bunker Hill and Russell.

*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 31,360; under cultivation, 6,407.54; cultivated to taxable acres, 20.43 per cent.; increase of cultivated acres during the year, 6,407.54.

#### ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE. | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 992.50   | 18.00          | 17,865   | \$.95  | \$ 16,971.75      |
| Rye.....bu.                   | 310.50   | 20.00          | 6,210    | .58    | 3,601.80          |
| Spring Wheat.....bu.          | 584.00   | 15.00          | 8,760    | .65    | 5,694.00          |
| Corn.....bu.                  | 1,833.00 | 38.00          | 69,654   | .28    | 19,503.12         |
| Barley.....bu.                | 161.75   | 20.00          | 3,235    | 1.20   | 3,882.00          |
| Oats.....bu.                  | 507.50   | 22.00          | 11,165   | .25    | 2,791.25          |
| Buckwheat.....bu.             | 9.50     | 14.00          | 133      | .95    | 126.35            |
| Potatoes, Irish.....bu.       | 43.80    | 70.00          | 3,066    | .40    | 1,226.40          |
| Sweet Potatoes.....bu.        | 1.00     | 140.00         | 140      | 1.05   | 1,407.00          |
| Sorghum.....gall.             | 53.25    | 100.00         | 5,325    | .50    | 2,662.50          |
| Castor Beans.....bu.          | 1.12     | 12.00          | 13       | 1.05   | 13.65             |
| Flax.....bu.                  | 43.50    | 8.00           | 348      | 1.00   | 338.40            |
| Broom Corn.....bs.            | 50.37    | 700.00         | 35,259   | .05    | 1,762.95          |
| Millet and Hungarian.....tons | 905.75   | 2.37           | 2,147    | 6.50   | 13,955.50         |
| Timothy.....tons              |          |                |          |        |                   |
| Clover.....tons               |          |                |          |        |                   |
| Prairie.....tons              | 6.40     | 1.00           | 640      | 3.50   | 2,240.00          |

*Dairy Products.*—Butter manufactured in 1875, 3,765 lbs.

*Farm Animals.*—Number of horses in 1875, 266. Mules and asses, in 1875, 31. Cattle, in 1875, 231. Sheep, in 1875, 5,646. Swine, in 1875, 127.

*Dogs.*—Number of dogs in the county, 99; number of sheep killed by dogs, 5; value of sheep killed by dogs, \$11.65. Number of sheep killed by wolves, 18; value of sheep killed by wolves, \$41.94.

*Horticulture.*—Acres of orchards, 4.50; vineyards, .50.

*Fences.*—Stone, 384 rods; cost, \$768. Rail, 1,980 rods; cost, \$2,871. Board, 440

rods; cost, \$561. Wire, 300 rods; cost, \$255. Hedge, 640 rods; cost, \$304. Total rods of fence, 3,744; total cost, \$4,759.

*Water Powers.*—There are good available powers, but none have been utilized.

*Manufactures.*—Centre township, one grist mill.

*Banks.*—There are no banks in this county.

*Newspapers.*—The *Plainsman* and *Record*, both published weekly at Russell.

*Schools, etc.*—Organized school districts, 14; school houses, 8; value of school buildings, etc., \$15,029.

*Churches.*—Congregational: Organizations 1, membership 28. Methodist: Organizations 3, membership 75. Episcopal: membership 7. Catholic: Organizations 1, membership 140. Lutheran: Organizations 3, membership 24, church edifices 1, valuation \$4,500.

*Libraries.*—No returns.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$30; poultry and eggs sold during the year, \$80; pounds of wool produced, 11,740.

Vacant lands range from \$1.50 to \$4.50 per acre.

## SALINE COUNTY.

Organized in 1859. Named for the Saline river, whose waters drain the larger part of the county. Population in 1870, 4,246; population in 1875, 6,360: increase in five years, 2,114.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Elm Creek.....        | 497  | Eureka .....          | 240  | Falun .....           | 268  |
| Gypsum .....          | 190  | Liberty .....         | 856  | Ohio .....            | 253  |
| Pleasant Valley.....  | 268  | Smoky Hill.....       | 912  | Salina.....           | 980  |
| Smolin .....          | 509  | Solomon .....         | 463  | Spring Creek.....     | 227  |
| Brookville .....      | 247  | Walnut .....          | 251  | Washington.....       | 199  |

*Nativity.*—Born in the United States, 4,388; in Germany, 176; in Ireland, 202; in England and Wales, 155; in Scotland, 46; in Sweden, Norway and Denmark, 1,177; in France, 33; in North of Europe, 35; in South of Europe, 12; in British America, 130; in countries not specified, 6.

*Sex.*—Males, 3,389; females, 2,971.

### WHERE FROM TO KANSAS.

|                    |       |                      |     |                            |     |
|--------------------|-------|----------------------|-----|----------------------------|-----|
| Alabama .....      | 1     | Michigan .....       | 167 | Vermont.....               | 25  |
| Arkansas .....     | 3     | Minnesota .....      | 39  | Virginia .....             | 62  |
| California .....   | 15    | Mississippi .....    | 10  | West Virginia.....         | 37  |
| Colorado .....     | 11    | Missouri .....       | 350 | Wisconsin .....            | 188 |
| Connecticut .....  | 2     | Nebraska .....       | 3   | Dist. of Columbia and the  |     |
| Delaware .....     | 1     | New Hampshire .....  | 2   | Territories.....           | 17  |
| Georgia .....      | 1     | New Jersey .....     | 13  | Germany .....              | 32  |
| Illinois .....     | 1,692 | New York .....       | 232 | Ireland .....              | 25  |
| Indiana .....      | 217   | North Carolina ..... | 10  | England and Wales .....    | 61  |
| Iowa .....         | 330   | Ohio .....           | 496 | Scotland .....             | 5   |
| Kentucky .....     | 81    | Oregon .....         | 1   | Sweden, Norway and Den-    |     |
| Louisiana .....    | 8     | Pennsylvania .....   | 250 | mark .....                 | 328 |
| Maine .....        | 12    | Rhode Island.....    | 28  | France .....               | 1   |
| Maryland .....     | 22    | Tennessee .....      | 51  | Other North of Europe..... | !   |
| Massachusetts..... | 69    | Texas .....          | 17  | British America.....       | 120 |

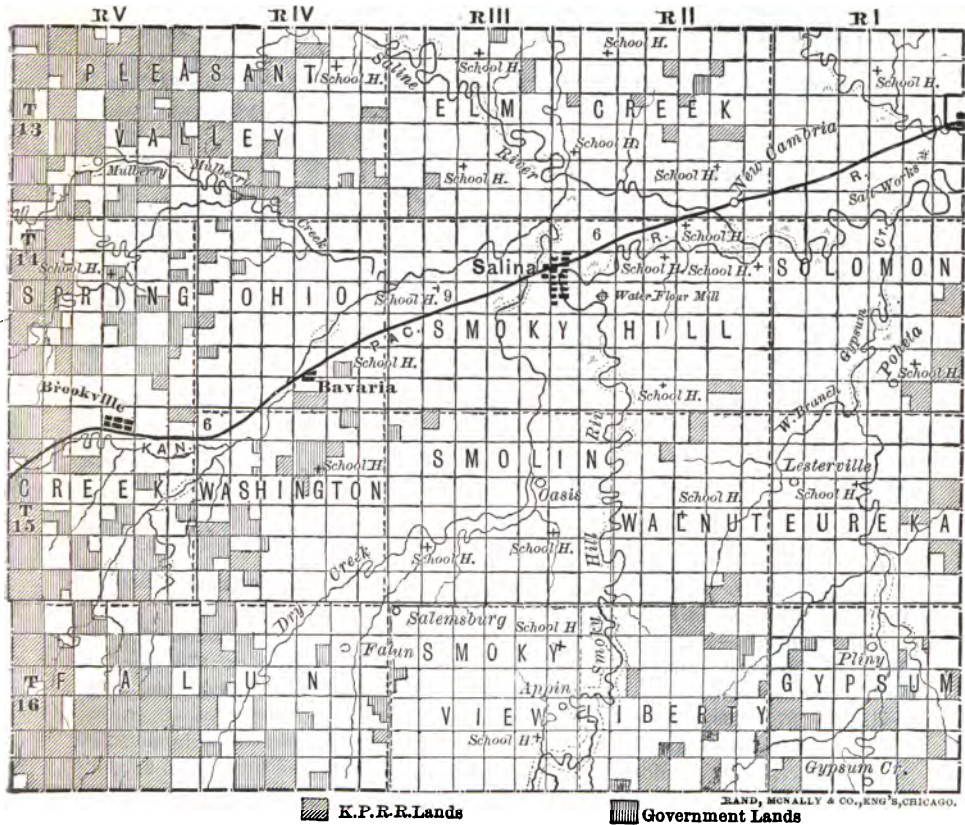


Born in Kansas, 1,261; not otherwise stated, 86.

*Occupation.*—There are 1,287, or 70.5 per cent., engaged in Agriculture; 188, or 10.3 per cent., in Professional and Personal service; 179, or 9.8 per cent., in Trade and Transportation; 170, or 9.3 per cent., in Manufactures and Mining.

*County Seat.*—Salina, the county seat, is 105 miles in an air line from Topeka, in a westerly direction.

MAP OF SALINE COUNTY, KANSAS, 1875.



*Face of the Country.*—Bottom lands, 30 per cent.; upland, 70 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, from two to eight miles; general surface of the country, one-third level, one-third undulating, remainder high land.

*Timber.*—Average width of timber belts, from one-quarter to one-half a mile. Varieties: cottonwood, elm, box elder, oak and ash.

*Principal Streams.*—The Smoky Hill river flows east; Saline river, northeast; Solomon river, northeast; Gypsum creek, north; Spring creek, east; and Mulberry creek, east. The county has a few springs, and well water is obtained at a depth of from 30 to 60 feet.

*Coal.*—No good coal has been developed.



*Building Stone, etc.*—Good sandstone is found in all parts of the county. Salt springs and works at the mouth of the Solomon (a report of salt manufactured will be found under the head of "Salt," in another part of this report); also fire clay and large quantities of gypsum.

*Railroad Connections.*—The Kansas Pacific Railway runs from near the northeast corner through the centre of the county, in a southwesterly direction. Principal stations: Salina and Brookville, the latter the western terminus of the second division.

*Agricultural Statistics.*—Acres in the county, 450,800; taxable acres, 299,274; under cultivation, 65,569.79; cultivated to taxable acres, 21.90 per cent.; increase of cultivated acres during the year, 10,829.79.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.      | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|---------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 25,697.25 | 21.00          | 539,842  | \$ .98 | \$528,849.16      |
| Rye .....                  | bu. 3,215.50  | 20.00          | 64,310   | .60    | 38,586.00         |
| Spring Wheat .....         | bu. 4,552.00  | 14.00          | 63,728   | .75    | 47,796.00         |
| Corn .....                 | bu. 14,935.25 | 42.00          | 627,290  | .23    | 144,274.40        |
| Barley .....               | bu. 2,283.75  | 26.00          | 59,377   | 1.23   | 73,033.71         |
| Oats .....                 | bu. 5,662.25  | 35.00          | 198,179  | .25    | 49,544.75         |
| Buckwheat .....            | bu. 1.00      | 22.00          | 22       | .95    | 20.90             |
| Potatoes, Irish .....      | bu. 495.34    | 175.00         | 86,684   | .35    | 30,329.40         |
| Sweet Potatoes .....       | bu. 7.00      | 155.00         | 1,085    | .90    | 976.50            |
| Sorghum .....              | gall. 76.20   | 120.00         | 9,144    | .50    | 4,572.00          |
| Castor Beans .....         | bu. 83.50     | 15.00          | 1,252    | 1.12   | 1,402.24          |
| Cotton .....               | lbs. 20.25    | 50.00          | 1,012    | .08    | 80.96             |
| Flax .....                 | bu. 96.00     | 11.00          | 1,056    | 1.10   | 1,161.60          |
| Tobacco .....              | lbs. 1.25     | 650.00         | 812      | .08    | 64.96             |
| Broom Corn .....           | lbs. 376.43   | 750.00         | 282,322  | .06    | 16,939.32         |
| Millet and Hungarian ..... | tons 686.50   | 2.75           | 1,888    | 5.50   | 10,384.00         |
| Timothy .....              | tons 33.00    | 1.25           | 41       | 7.00   | 287.00            |
| Clover .....               | tons 10.57    | 2.50           | 26       | 6.75   | 175.50            |
| Prairie .....              | tons 1,815.00 | 1.25           | 2,269    | 3.25   | 7,374.25          |

*Dairy Products.*—Cheese manufactured in 1875, 1,392 lbs. Butter manufactured in 1870, 40,331 lbs.; in 1875, 95,739 lbs.: increase, 55,408.

*Farm Animals.*—Number of horses in 1870, 1,425; in 1875, 2,986: increase, 1,561. Mules and asses, in 1870, 185; in 1875, 212: increase, 27. Cattle, in 1870, 5,691; in 1875, 7,979: increase, 2,288. Sheep, in 1870, 128; in 1875, 2,120: increase, 1,992. Swine, in 1870, 1,892; in 1875, 2,587: increase, 1,195.

*Dogs.*—Number of dogs in the county, 952; number of sheep killed by dogs, 46; value of sheep killed by dogs, \$107.18. Number of sheep killed by wolves, 2; value of sheep killed by wolves, \$4.66.

*Horticulture.*—Acres of nurseries, 77.75; orchards, 381.25; vineyards, 4.50.

*Fences.*—Stone, 486 rods; cost, \$1,154.25. Rail, 10,279 rods; cost, \$14,133.62. Board, 6,250 rods; cost, \$10,937.50. Wire, 1,700 rods; cost, \$1,275. Hedge, 76,217 rods; cost, \$38,108.50. Total rods of fence, 94,932; total cost, \$65,608.87.

*Water Powers.*—There are good water powers, of which three have been improved.

*Manufactures.*—Smoky Hill township, wind-power mill, capital \$1,500; brick manufactory, capital \$2,000. City of Salina, a cigar manufactory. Ohio township, one cheese factory. Falun township, one broom factory. Solomon township, two salt manufactories. There are three water-power flouring mills in the county, with a combined capital of \$50,000.

*Banks.*—Banking house of John Gels & Co., Salina.

*Business Houses of Principal Town.*—City of Salina: Agricultural implements and wagons, 3; books, periodicals and stationery, 2; boots and shoes, 3; clothing

and tailoring, 2; confectionery, 2; dry goods, 5; drugs, oils and paints, 2; furniture and upholstery, 1; groceries, 4; hardware, 4; jewelry, clocks, watches, etc., 2; lumber, 2; music and musical instruments, 1; millinery, 2; saddles and harness, 1; sewing machines, 2; all other mercantile pursuits not herein mentioned, 5.

*Newspapers.*—*Herald, Advocate and Journal*, published weekly at Salina.

*Schools, etc.*—Organized school districts, 59; school houses, 48; value of school buildings and grounds, furniture and apparatus, \$71,964.

*Churches.*—Presbyterian: Organizations 2, membership 151, church edifices 1, valuation, \$6,000. Congregational: Organizations 2, membership 48. Baptist: Organizations 1, membership 32, church edifices 1, valuation \$1,800. Methodist: Organizations 8, membership 250, church edifices 1, valuation \$5,000. Episcopal: Organizations 1, membership 14, church edifices 1, valuation \$3,000. Catholic: Organizations 2, membership 500, church edifices 2, valuation \$4,000. Lutheran: Organizations 2, membership 43, church edifices 1, valuation \$4,500.

*Libraries.*—Three townships report 24 private libraries, having 1,360 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$394; poultry and eggs sold during the year, \$2,522; pounds of wool produced, 3,990.

Prices of unoccupied land range from \$3 to \$6 per acre.

## SEDGWICK COUNTY.

Organized in 1870. Named in honor of John Sedgwick, Major-General U. S. Volunteers, who was killed May 9th, 1864, in battle, at Spottsylvania, Virginia. Population in 1870, 1,095; population in 1875, 8,810: increase in five years, 7,215

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|-------|-----------------------|------|
| Attica .....          | 222  | Delano .....          | 328   | Eagle .....           | 218  |
| Garden Plains .....   | 150  | Grant .....           | 374   | Greeley .....         | 287  |
| Gypsum .....          | 315  | Illinois .....        | 324   | Kechi .....           | 316  |
| Lincoln .....         | 369  | Minneha .....         | 138   | Ninnescah .....       | 275  |
| Ohio .....            | 221  | Park .....            | 189   | Payne .....           | 223  |
| Rockford .....        | 364  | Salem .....           | 331   | Union .....           | 426  |
| Waco .....            | 367  | Wichita City .....    | 2,580 | Wichita .....         | 393  |

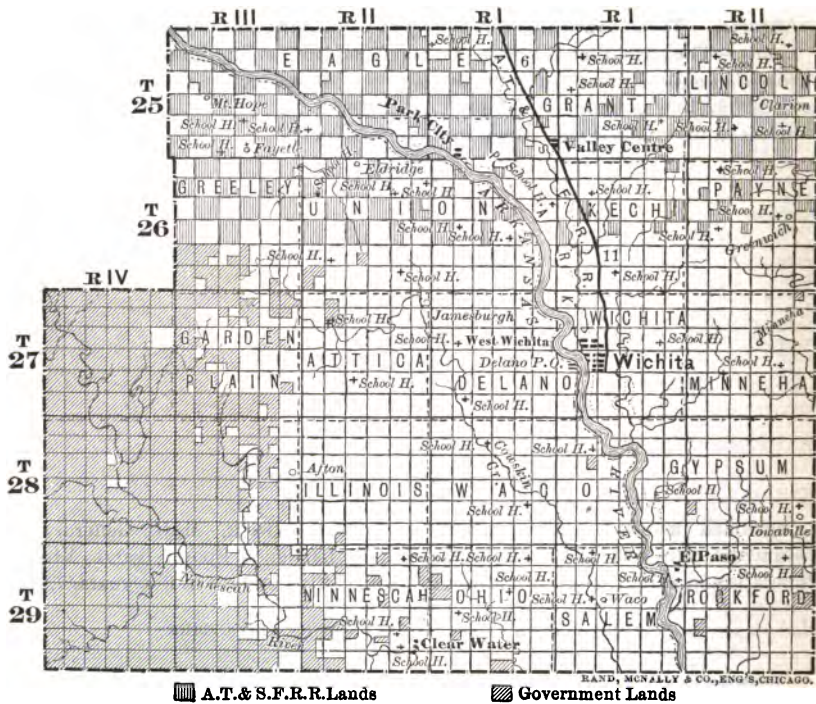
*Nativity.*—Born in the United States, 7,435; in Germany, 249; in Ireland, 138; in England and Wales, 166; in Scotland, 55; in Sweden, Norway and Denmark, 66; in France, 17; in North of Europe, 14; in South of Europe, 24; in British America, 139; in countries not specified, 7.

*Sex.*—Males, 4,567; females, 3,743.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                            |     |
|--------------------|-------|---------------------|-----|----------------------------|-----|
| Alabama.....       | 4     | Minnesota.....      | 68  | Vermont.....               | 7   |
| Arkansas.....      | 37    | Mississippi.....    | 2   | Virginia.....              | 64  |
| California.....    | 19    | Missouri.....       | 873 | West Virginia.....         | 73  |
| Colorado.....      | 24    | Nebraska.....       | 51  | Wisconsin.....             | 188 |
| Connecticut.....   | 17    | Nevada.....         | 2   | Dist. of Columbia and the  |     |
| Florida.....       | 2     | New Hampshire.....  | 2   | Territories.....           | 25  |
| Georgia.....       | 3     | New Jersey.....     | 14  | Germany.....               | 61  |
| Illinois.....      | 2,575 | New York.....       | 185 | Ireland.....               | 3   |
| Indiana.....       | 453   | North Carolina..... | 26  | England and Wales.....     | 50  |
| Iowa.....          | 769   | Ohio.....           | 630 | Scotland.....              | 18  |
| Kentucky.....      | 154   | Oregon.....         | 1   | Sweden, Norway and Den-    |     |
| Louisiana.....     | 12    | Pennsylvania.....   | 210 | mark.....                  | 33  |
| Maine.....         | 15    | Rhode Island.....   | 4   | France.....                | 4   |
| Maryland.....      | 6     | South Carolina..... | 1   | Other South of Europe..... | 9   |
| Massachusetts..... | 33    | Tennessee.....      | 31  | British America.....       | 73  |
| Michigan.....      | 270   | Texas.....          | 46  |                            |     |

MAP OF SEDGWICK COUNTY, KANSAS, 1875.



Born in Kansas, 1,083; not otherwise stated, 51.

*Occupation.*—There are 1,545, or 59.8 per cent., engaged in Agriculture; 263, or 10.1 per cent., in Professional and Personal service; 217, or 8.4 per cent., in Trade and Transportation; 556, or 21.5 per cent., in Manufactures and Mining.

*County Seat.*—Wichita, the county seat, is 129 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom land, 50 per cent.; upland, 50 per cent.; forest, 1 per cent.; prairie, 99 per cent. Average width of bottoms, five miles; general surface of the country, level or slightly undulating.

*Timber.*—Of the very little timber found in the county, the principal varieties are: walnut, elm, hackberry, cottonwood and box elder.

*Principal Streams.*—The Arkansas river, running southeast. The Little Arkansas, running south. Ninnescah, Cowskin and Wildcat creeks, running southeast. There are a few springs in the county; well water reached at a depth of from 10 to 50 feet.

*Coal.*—It is reported that indications of coal have been discovered, but a sufficient vein to warrant mining has not been developed.

*Building Stone, etc.*—No report as to the item of stone, but the county is but indifferently supplied in this particular. Gypsum underlies nearly the entire surface of the county.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad enters the county at about the centre of its northern line, and running in a direction a little east of south, extends to Wichita.

*Agricultural Statistics.*—Acres in the county, 645,120; taxable acres, 392,831; under cultivation, 58,367.75; cultivated to taxable acres, 14.85 per cent.: increase of cultivated acres during the year, 14,978.75.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 16,625.00 | 22.00          | 365,750   | \$1.05 | \$384,037.50      |
| Rye.....bu.                   | 1,608.25  | 23.00          | 36,875    | .60    | 22,125.00         |
| Spring Wheat.....bu.          | 132.50    | 14.00          | 1,855     | .80    | 1,484.00          |
| Corn.....bu.                  | 29,060.50 | 43.00          | 1,249,601 | .22½   | 281,160.22        |
| Barley.....bu.                | 33.75     | 30.00          | 1,912     | 1.10   | 2,103.20          |
| Oats.....bu.                  | 6,438.12  | 35.00          | 225,334   | .24    | 54,080.16         |
| Buckwheat.....bu.             | 9.00      | 22.00          | 198       | .85    | 168.30            |
| Potatoes, Irish.....bu.       | 540.25    | 125.00         | 67,531    | .37½   | 25,324.12         |
| Sweet Potatoes.....bn.        | 44.88     | 170.00         | 7,630     | .75    | 5,722.50          |
| Sorghum.....gall.             | 85.50     | 125.00         | 10,687    | .60    | 6,412.20          |
| Castor Beans.....bu.          | 27.25     | 18.00          | 490       | 1.10   | 539.00            |
| Cotton.....lbs.               | 3.25      | 200.00         | 650       | .10    | 65.00             |
| Flax.....bu.                  | 133.00    | 7.00           | 931       | 1.18   | 1,098.58          |
| Tobacco.....lbs.              | 1.25      | 650.00         | 812       | .08    | 64.96             |
| Broom Corn.....lbs.           | 9.75      | 800.00         | 7,800     | .06    | 468.00            |
| Millet and Hungarian.....tons | 136.50    | 2.50           | 341       | 5.00   | 1,705.00          |
| Timothy.....tons              | 27.00     | 1.25           | 34        | 6.00   | 204.00            |
| Clover.....tons               | 8.00      | 2.75           | 22        | 6.00   | 132.00            |
| Prairie.....tons              | 429.00    | 2.00           | 858       | 8.00   | 2,574.00          |

*Dairy Products.*—Cheese manufactured in 1875, 6,175 lbs. Butter manufactured in 1870, 100 lbs.; in 1875, 83,219 lbs.: increase, 83,119 lbs.

*Farm Animals.*—Number of horses in 1870, 407; in 1875, 2,476: increase, 2,069. Mules and asses in 1870, 79; in 1875, 487: increase, 408. Cattle in 1870, 760; in 1875, 5,770: increase, 5,010. Sheep in 1870, 307; in 1875, 2,120: increase, 1,813. Swine in 1870, 165; in 1875, 2,587: increase, 2,422.

*Dogs.*—Number of dogs in the county, 928; number of sheep killed by dogs, 80; value of sheep killed by dogs, \$69.90. Number of sheep killed by wolves, 5; value of sheep killed by wolves, \$11.65.

*Horticulture.*—Acres of nurseries, 35.75; orchards, 1,090.16; vineyards, 4.12.

*Apiculture.*—Number of stands of bees, 2.

*Fences.*—Rail, 9,951 rods; cost, \$13,931.40. Board, 7,918 rods; cost, \$11,263.15. Wire, 1,700 rods; cost, \$1,700. Hedge, 100,780 rods; cost, \$45,351. Total rods of fence, 120,349; total cost, \$72,265.55.

*Herd Law.*—Not in force.

*Water Powers.*—We have no definite information as to their probable extent and capacity. Two flouring mills have been established.

*Manufactures.*—Wichita, two grist mills, one soda water factory, one wagon fac-

tory, one cigar factory, one brewery. Salem township, two water-power grist mills. Waco township, one water-power grist mill.

*Banks.*—First National Bank of Wichita, capital \$88,000; Wichita Savings Bank, of Wichita. There are two other private banking houses in this county, of which no report has been received. The capital employed in other than National Banks is \$55,000.

*Business Houses of Principal Town.*—City of Wichita: Dry goods, 4; groceries, 15; hardware, 5; drugs and medicines, 4; boots and shoes, 2; harness and saddlery, 4; wholesale liquors, 3; saloons and billiard halls, 11; merchant tailors, 4; millinery and dressmaking, 10; hotels, 10; livery and feed stables, 14; furniture dealers, 2; meat markets, 9; books and stationery, 2; confectionery, 12; clothing, 4; flouring mills, 2; lumber, 5; contractors and builders, 7; painters, 5; brewers, 3; manufacturers, 42.

*Newspapers.*—Two weekly newspapers are published, the *Beacon* and the *Eagle*, both at Wichita.

*Schools, etc.*—Organized school districts, 80; school houses, 57; value of school buildings and grounds, furniture and apparatus, \$107,167. There is a parochial school at Wichita under the auspices of the Catholic church.

*Churches.*—Presbyterian: Organizations 3, membership 142, church edifices 1, valuation \$1,200. Congregational: Organizations 1, membership 14. Baptist: Organizations 5, membership 148, church edifices 1, valuation \$3,500. United Presbyterian: Organizations 3, membership 46. Methodist: Organizations 2, membership 300, church edifices 1, valuation \$4,000. Episcopal: Organizations 1, membership 10, church property \$500. Catholic: Organizations 2, membership 500, church edifices 1, valuation \$2,500.

*Libraries.*—No returns.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$7,187; poultry and eggs sold during the year, \$3,648; pounds of wool produced, 2,056.

*Wages.*—Farm laborers, per month, with board, \$18 to 20; laborers in cities or on public improvements, per day, \$1.50 to \$2; carpenters, per day, \$2.50 to \$3; bricklayers and stonemasons, per day, \$3 to \$5; house painters, per day, \$3 to \$5; wagon makers, per day, \$2.50 to \$3; blacksmiths, per day, \$2 to 3; shoemakers, per day, \$2 to \$3; harness makers, per day, \$1.50 to \$2.50; tailors, per day, \$2 to \$3; printers, per day, \$2 to \$3; clerks, per month, \$20 to \$75; tanners, per day, \$2.50 to \$3.

Prices of unoccupied land range from \$1.25 to \$5.50 per acre.

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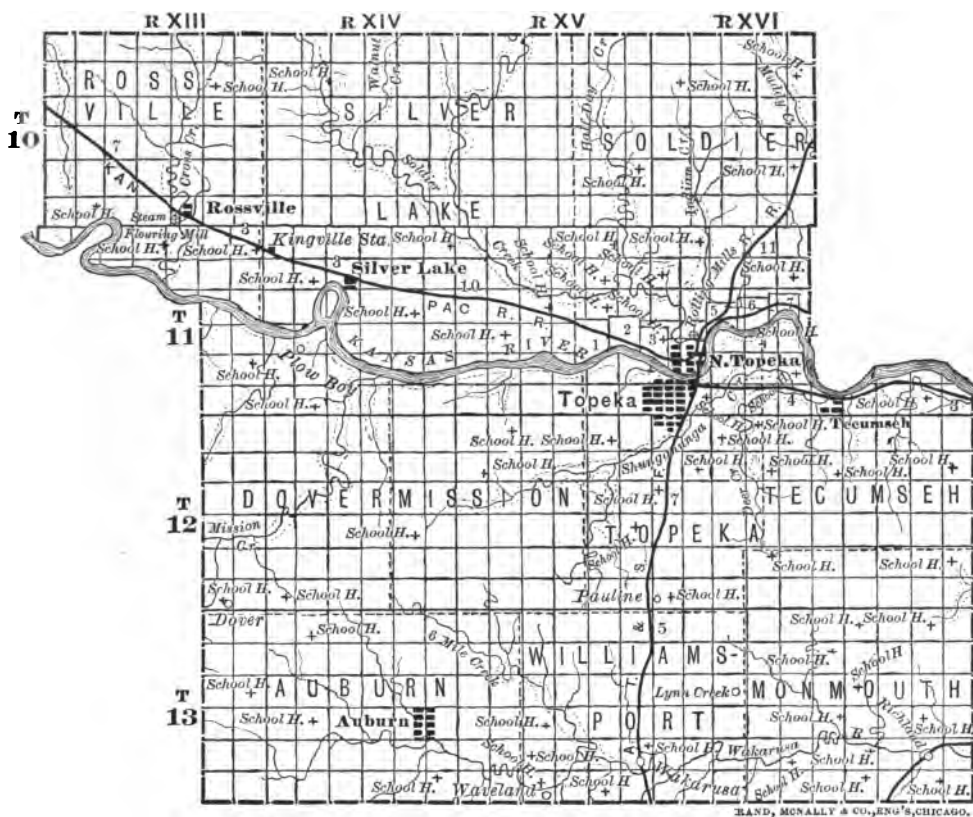
## SHAWNEE COUNTY.

Organized in 1855. Received its name from the Shawnee tribe of Indians, whose original reservation in Kansas embraced a considerable portion of the county. Square miles, 558. Population to square mile, 27.62. Population in 1860, 3,513; in 1870, 13,121; increase in ten years, 9,608; population in 1875, 15,417; increase in five years, 2,296; increase in fifteen years, 11,904.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|-----------------------|------|-----------------------|-------|
| Auburn .....          | 656   | Dover .....           | 444  | Mission .....         | 409   |
| Monmouth .....        | 860   | Rossville .....       | 847  | Silver Lake .....     | 1,184 |
| Soldier .....         | 1,183 | Tecumseh .....        | 754  | Topeka .....          | 1,241 |
| Topeka City .....     | 7,272 | Williamport .....     | 567  |                       |       |

MAP OF SHAWNEE COUNTY, KANSAS, 1875.



*Nativity.*—Born in the United States, 18,605; in Germany, 416; in Ireland, 278; in England and Wales, 437; in Scotland, 77; in Sweden, Norway and Denmark, 270; in France, 91; in North of Europe, 26; in Italy, 5; in South of Europe, 37; in British America, 174; in countries not specified, 6.

*Sex.*—Males, 8,027; females, 7,390.

# STATE BOARD OF AGRICULTURE.

## WHERE FROM TO KANSAS.

|               |       |                |       |                                       |     |
|---------------|-------|----------------|-------|---------------------------------------|-----|
| Alabama       | 34    | Michigan       | 224   | Virginia                              | 93  |
| Arkansas      | 77    | Minnesota      | 55    | West Virginia                         | 65  |
| California    | 25    | Mississippi    | 7     | Wisconsin                             | 214 |
| Colorado      | 20    | Missouri       | 1,583 | Dist. of Columbia and the Territories | 29  |
| Connecticut   | 51    | Nebraska       | 99    | Germany                               | 64  |
| Delaware      | 8     | New Hampshire  | 41    | Ireland                               | 37  |
| Florida       | 5     | New Jersey     | 31    | England and Wales                     | 150 |
| Georgia       | 20    | New York       | 579   | Scotland                              | 35  |
| Idaho         | 2,086 | North Carolina | 46    | Sweden, Norway and Denmark            | 161 |
| Illinois      | 1,700 | Ohio           | 1,541 | France                                | 36  |
| Iowa          | 597   | Oregon         | 11    | Other North of Europe                 | 5   |
| Kentucky      | 272   | Pennsylvania   | 602   | Italy                                 | 2   |
| Louisiana     | 15    | Rhode Island   | 17    | Other South of Europe                 | 19  |
| Maine         | 68    | Tennessee      | 76    | British America                       | 143 |
| Maryland      | 29    | Texas          | 41    |                                       |     |
| Massachusetts | 141   | Vermont        | 126   |                                       |     |

Born in Kansas, 3,973; not otherwise stated, 164.

*Occupation.*—There are 1,954, or 40.7 per cent., engaged in Agriculture; 1,186, or 24.7 per cent., in Professional and Personal service; 642, or 13.3 per cent., in Trade and Transportation; 1,013, or 21.1 per cent., in Manufactures and Mining.

*County Seat.*—Topeka, the county seat, is the capital of the State.

*Face of the Country.*—Bottom land, 31 per cent.; upland, 69 per cent.; forest, 8 per cent.; prairie, 92 per cent. Average width of bottoms—Kansas river three miles, Mission creek one-half mile, Wakarusa one mile, smaller streams, various widths. General surface of the country undulating; some portions adjoining the Kansas river bottom bluff.

*Timber.*—The timber is confined to the water courses. Varieties: elm, cottonwood, black walnut, oak, sycamore, box elder, hickory and ash.

*Principal Streams.*—Kansas river, flows southeasterly; tributaries from the north, Baubien, Cross, Soldier and Indian creeks; tributaries of the Soldier, Little Soldier, Moccasin and Half Day creeks; tributaries of the Kansas, from the south, Vesser, Mission, Shunganunga, Deer, Stinson and Tecumseh creeks; tributaries of Mission creek, Haskell and Blacksmith creeks. The Wakarusa flows southeast; tributaries from the north, Six-Mile and Lynn creeks; from the south, Tow-Head and Berry creeks. The springs are not numerous, but there are some excellent ones; good well water is obtained at a depth of from 18 to 40 feet.

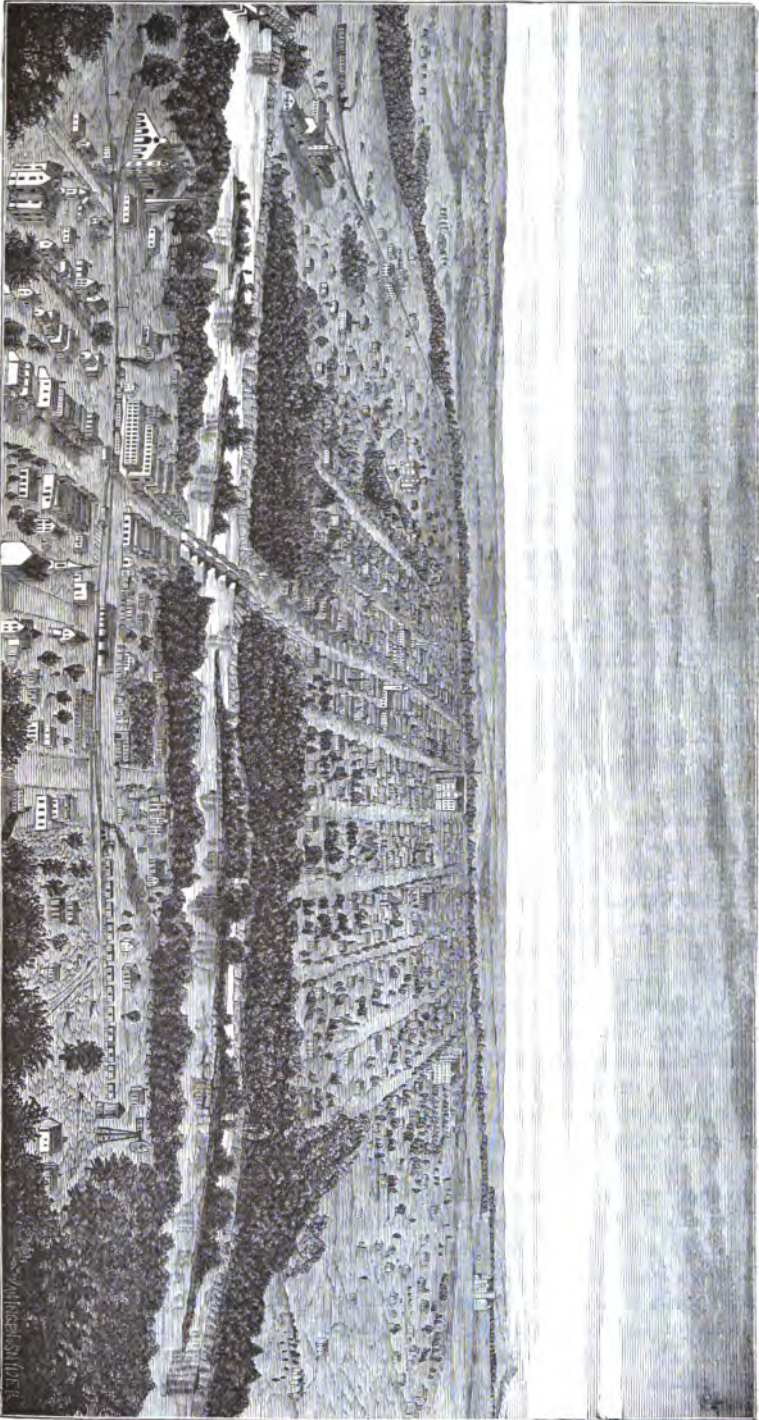
*Coal.*—There is no estimate of the area covered. Thickness of veins discovered, from 14 to 20 inches; depth below surface, 15 to 20 feet—crops out in the ravines in some localities; quality, fair; used to quite a large extent for local, domestic and manufacturing purposes.

*Building Stone, etc.*—Good limestone is found in abundance in all parts of the county; fire clay is found above the coal, but has not been tested.

*Railroad Connections.*—The Kansas Pacific Railway runs through the county, on the north side of the Kansas river; stations, Topeka, Silver Lake and Rossville. The Atchison, Topeka & Santa Fe Railroad runs through the county from north to south; stations, Topeka and Wakarusa. The Kansas Midland Railroad runs east from Topeka along the south side of the Kansas river, extending to Lawrence and Kansas City; station, Tecumseh.

*Agricultural Statistics.*—Acres in the county, 857,120; taxable acres, 848,276; under cultivation, 87,268.14; cultivated to taxable acres, 25.20 per cent.; increase of cultivated acres during the year, 8,848.14.





VIEW OF TOPEKA, THE CAPITAL OF KANSAS.

Alabama .....  
 Arkansas .....  
 California .....  
 Colorado .....  
 Connecticut .....  
 Delaware .....  
 Florida .....  
 Georgia .....  
 Illinois .....  
 Indiana .....  
 Iowa .....  
 Kentucky .....  
 Louisiana .....  
 Maine .....  
 Maryland .....  
 Massachusetts .....

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Kansas 1

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The Atchison, Topeka

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from Topeka along the

Kansas City; station,

Agriculture

under

*Times*, daily evening, and weekly; *Kansas Farmer*, weekly; *The Democrat*, weekly—all published at Topeka.

*Schools, etc.*—Organized school districts, 79; school houses, 81; value of school buildings and grounds, furniture and apparatus, \$199,005. Washburn College, under the control of the Congregational church; the College of the Sisters of Bethany, under the control of the Episcopal church; a theological institute, under the same auspices; and a parochial school, under the charge of the Sisters of Charity, are located at Topeka.

*Churches.*—Presbyterian: Organizations 3, membership 815, church edifices 2, valuation \$9,000. Congregational: Organizations 4, membership 299, church edifices 4, valuation \$23,650. Baptist: Organizations 8, membership 378, church edifices 4, valuation \$24,200. United Presbyterian: Organizations 1, membership 25; church edifices 1, valuation \$4,000. Methodist: Organizations 6, membership 777, church edifices 4, valuation \$22,800. Episcopal: Organizations 2, membership 117, church edifices 2, valuation \$13,000. Catholic: Organizations 6, membership 1,000, church edifices 2, valuation \$15,000. Lutheran: Organizations 1, membership 30, church edifices 1, valuation \$5,500. Universalist: Organizations 1, membership 15.

*Libraries.*—Four public libraries, containing 17,150 volumes, and 218 private libraries, aggregating 33,788; are reported from seven townships of the eleven.

*Lands.*—There are no unsold lands in this county.

*Miscellaneous.*—Produce of gardens marketed, \$10,516; poultry and eggs sold during the year, \$8,632; pounds of wool produced, 957.

*Wages.*—Farm laborers, per month, with board, \$15 to \$20; laborers in cities or on public improvements, per day, \$1.50; carpenters, per day, \$2 to \$3; bricklayers and stonemasons, per day, \$2 to \$3; house painters, per day, \$2 to \$3; wagon makers, per day, \$2 to \$3; blacksmiths, per day, \$2 to \$3; shoemakers, per day, \$2 to \$2.50; harness makers, per day, \$2 to \$2.50; tailors, per day, \$2 to \$2.50; bookbinders, per day, \$2 to \$3; printers, per day, \$2 to \$5; printers, per 1,000 ems, 25 to 40 cents; clerks, per month, \$50 to \$100; tinnerns, per day, \$2 to \$3.

Vacant lands range from \$5 to \$10 per acre.

## SMITH COUNTY.

Organized in 1872. Named in honor of Nathan Smith, Major of the Second Regiment of Colorado Volunteers, who was killed in battle October 23, 1864, at Little Blue, Missouri. Square miles, 900. Population to square mile, 4.30. Population in 1870, 66; population in 1875, 3,876: increase in five years, 3,810.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

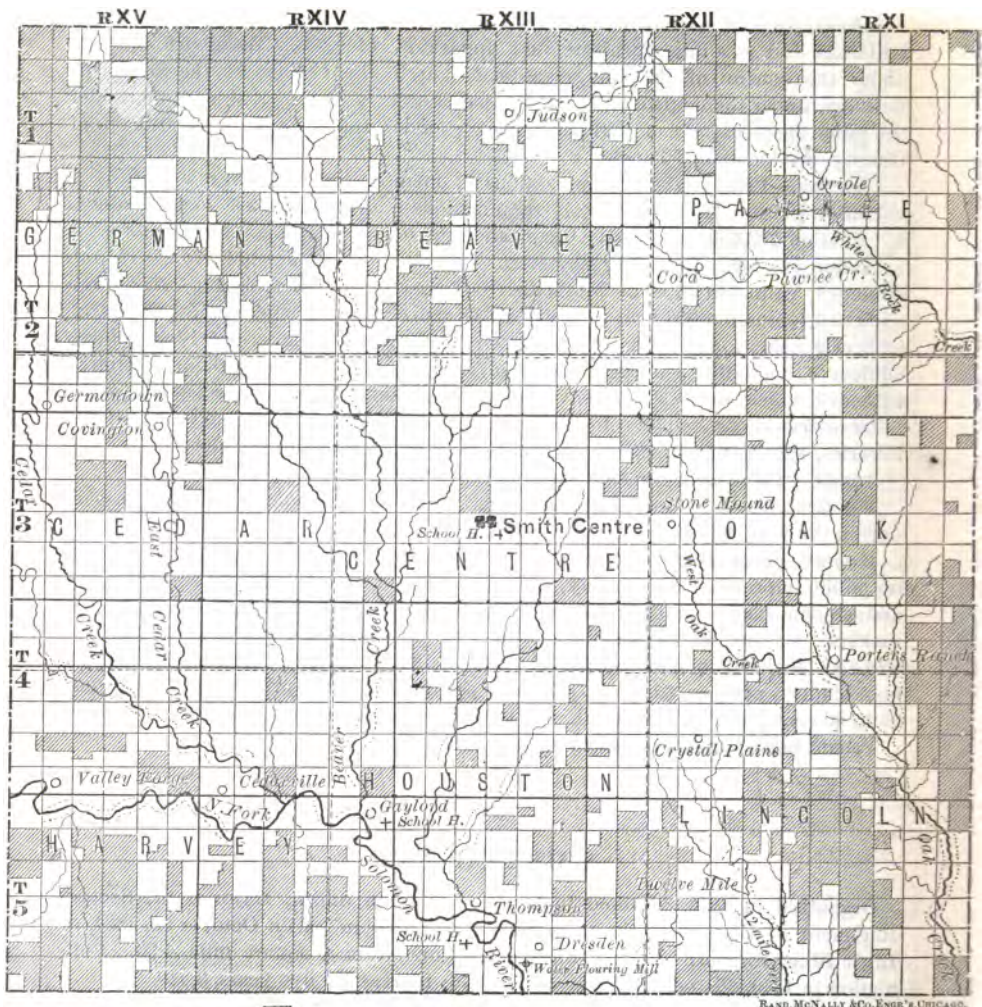
| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|------|-----------------------|-------|
| East Beaver.....      | 347  | Cedar.....            | 487  | Centre.....           | 698   |
| Harvey.....           | 447  | Houston.....          | 631  | Lincoln.....          | 364   |
| Oak.....              | 403  | Pawnee.....           | 610  | .....                 | ..... |

*Nativity.*—Born in the United States, 3,514; in Germany, 120; in Ireland, 20; in England and Wales, 70; in Scotland, 10; in Sweden, Norway and Denmark, 21; in North of Europe, 36; in South of Europe, 19; in British America, 64; in countries not specified, 2.

*Sex.*—Males, 2,130; females, 1,746.



MAP OF SMITH COUNTY, KANSAS, 1875.



Government Lands

RAND, McNALLY & Co. ENGR'S, CHICAGO.

WHERE FROM TO KANSAS.

|                     |       |                     |     |                           |     |
|---------------------|-------|---------------------|-----|---------------------------|-----|
| Arkansas .....      | 1     | Minnesota .....     | 140 | Virginia .....            | 24  |
| California .....    | 15    | Missouri .....      | 365 | West Virginia .....       | 4   |
| Colorado .....      | 1     | Nebraska .....      | 279 | Wisconsin .....           | 125 |
| Connecticut .....   | 16    | Nevada .....        | 2   | Dist. of Columbia and the |     |
| Illinois .....      | 495   | New Hampshire ..... | 7   | Territories .....         | 13  |
| Indiana .....       | 123   | New Jersey .....    | 14  | Germany .....             | 6   |
| Iowa .....          | 1,407 | New York .....      | 60  | Ireland .....             | 2   |
| Kentucky .....      | 32    | Ohio .....          | 132 | England and Wales .....   | 23  |
| Maine .....         | 6     | Pennsylvania .....  | 10  | South of Europe .....     | 12  |
| Maryland .....      | 1     | Rhode Island .....  | 8   | British America .....     | 35  |
| Massachusetts ..... | 6     | Tennessee .....     | 5   | .....                     |     |
| Michigan .....      | 125   | Vermont .....       | 6   | .....                     |     |

Born in Kansas, 374; not otherwise stated, 3.

*Occupation.*—There are 983, or 90.6 per cent., engaged in Agriculture; 32, or 2.9 per cent., in Professional and Personal service; 13, or 1.2 per cent., in Trade and Transportation; 56, or 5.1 per cent., in Manufactures and Mining.

*County Seat.*—Smith Centre, the county seat, is 173 miles in an air line from Topeka; in a northwesterly direction.

*Face of the Country.*—Bottom land, 15 per cent.; upland, 85 per cent.; forest, 2 per cent.; prairie, 98 per cent. Average width of bottoms—Solomon, five miles; general surface of the country, undulating, and in some localities bluffy.

*Timber.*—The timber is confined to a narrow border along the streams. Varieties: cottonwood, elm, oak, and cedar in small quantities.

*Principal Streams.*—The Solomon river runs southeast; it has numerous tributaries—Cedar, East Cedar, Beaver, and other creeks—flowing south and southeast. The county is moderately supplied with springs; good well water obtained at a depth varying from 10 to 100 feet.

*Coal.*—None of any consequence has been discovered.

*Building Stone, etc.*—Good limestone abounds in the southern and central parts of the county; in the northern part sandstone of an inferior quality is found. There are a few salt springs, but their value has not been tested; there is also gypsum in small quantities, and of good quality.

*Railroad Connections.*—None have been built in the county.

*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 31,719; under cultivation, 31,596; cultivated to taxable acres, 99.60 per cent.: increase of cultivated acres during the year, 7,825.12.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.      | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|---------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 236.00    | 16.00          | 3,776    | \$ .60 | \$ 2,265.60       |
| Rye .....                  | bu. 525.25    | 18.00          | 9,454    | .40    | 3,781.60          |
| Spring Wheat .....         | bu. 9,842.25  | 12.00          | 118,107  | .35    | 41,337.45         |
| Corn .....                 | bu. 14,468.50 | 40.00          | 578,740  | .22    | 127,322.80        |
| Barley .....               | bu. 540.25    | 20.00          | 10,805   | 1.12   | 12,101.60         |
| Oats .....                 | bu. 1,913.95  | 22.00          | 42,107   | .19    | 8,000.33          |
| Buckwheat .....            | bu. 2.37      | 14.00          | 33       | .70    | 23.10             |
| Potatoes, Irish .....      | bu. 239.54    | 80.00          | 18,363   | .25    | 4,590.75          |
| Sweet Potatoes .....       | bu. .87       | 145.00         | 126      | .95    | 119.70            |
| Forghum .....              | gall. 237.68  | 115.00         | 27,333   | .48    | 13,119.84         |
| Castor Beans .....         | bu. 8.25      | 12.00          | 99       | 1.00   | 99.00             |
| Cotton .....               | lbs. 5.50     | 55.00          | 302      | .07    | 21.14             |
| Flax .....                 | bu. 44.82     | 8.90           | 397      | .85    | 338.45            |
| Hemp .....                 | bu. .50       | 500            | 250      | .55    | 137.50            |
| Tobacco .....              | lbs. 5.50     | 425.00         | 2,337    | .06    | 140.22            |
| Broom Corn .....           | lbs. 6.34     | 700.00         | 4,438    | .04    | 177.52            |
| Millet and Hungarian ..... | tons 297.75   | 2.75           | 819      | 4.75   | 3,890.25          |
| Timothy .....              | tons 16.50    | 1.00           | 16       | 5.00   | 80.00             |
| Clover .....               | tons .50      | 2.00           | 1        | 4.75   | 4.75              |
| Prairie .....              | tons 1,775.00 | 1.00           | 1,775    | 3.00   | 5,325             |

*Dairy Products.*—Cheese manufactured in 1875, 516 lbs. Butter manufactured in 1875, 55,107 lbs.

*Farm Animals.*—Number of horses in 1870, 25; in 1875, 1,286: increase, 1,361. Mules and asses, in 1870, 5; in 1875, 199: increase, 194. Cattle, in 1870, 53; in 1875, 2,831: increase, 2,828. Sheep, in 1875, 89. Swine, in 1870, 8; in 1875, 1,714: increase, 1,706.

*Dogs.*—Number of dogs in the county, 512; number of sheep killed by dogs, 5; value of sheep killed by dogs, \$11.65.

*Horticulture.*—Acres of nurseries, 15.87; orchards, 105.82; vineyards, 2.50.

*Fences.*—Stone, 6 rods; cost, \$12.75. Rail 2,096 rods; cost, \$3,144. Board, 880 rods; cost, \$608. Wire, 200 rods; cost, \$168. Hedge, 3,970 rods; cost, \$2,282.75. Total rods of fence, 6,652; total cost, \$6,215.50.

*Herd Law.*—The herd law in operation since 1872 throughout the county. A correspondent writes: "It is conceded to be of benefit to the poorer classes, but considerable opposition exists among stock men. It is believed to be a good thing."

*Water Powers.*—The Solomon river affords power; one dam has been constructed.

*Manufactures.*—Centre township, steam saw mill. Houston township, steam saw mill, water-power grist mill, water-power saw and grist mill.

*Banks.*—There are no banks in this county.

*Newspapers.*—The *Smith County Pioneer*, Smith Centre; weekly.

*Schools, etc.*—Organized school districts, 70; school houses, 43; value of school buildings, grounds, etc., \$10,850.

*Churches.*—Presbyterian: Organizations 8, membership 35. Congregational: Organizations 2, membership 26. Baptist: Organizations 2, membership 41. Methodist: Organizations 5, membership 150.

*Libraries.*—No returns.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$42; poultry and eggs sold, during the year, \$629; pounds of wool produced, 225.

*Wages.*—Farm laborers, per month, with board, \$10 to \$20; laborers in cities or on public improvements, per day, \$1 to \$1.50; carpenters, per day, \$2 to \$2.50; bricklayers and stonemasons, per day, \$2 to \$2.50; house painters, per day, \$2; wagon makers, per day, \$2; blacksmiths, per day, \$2; shoemakers, per day, \$1.50 to \$2; harness makers, per day, \$1.50 to \$2; printers, per day, \$1 to \$1.50; clerks, per month, \$15 to \$25.

Vacant lands range from \$1.25 up, per acre

## SUMNER COUNTY.

Organized in 1871. Named in honor of Charles Sumner, the distinguished Massachusetts Senator; first chosen to succeed Daniel Webster in 1850, and continuing a member till 1874, when he died in Washington. He was, in 1854, a leader in the opposition to the extension of slavery into Kansas, as proposed in the bill for the organization of the Territory. Square miles, 1,188; population to square mile, 4.14. Population in 1870, 22; population in 1875, 4,925; increase in five years, 4,903.

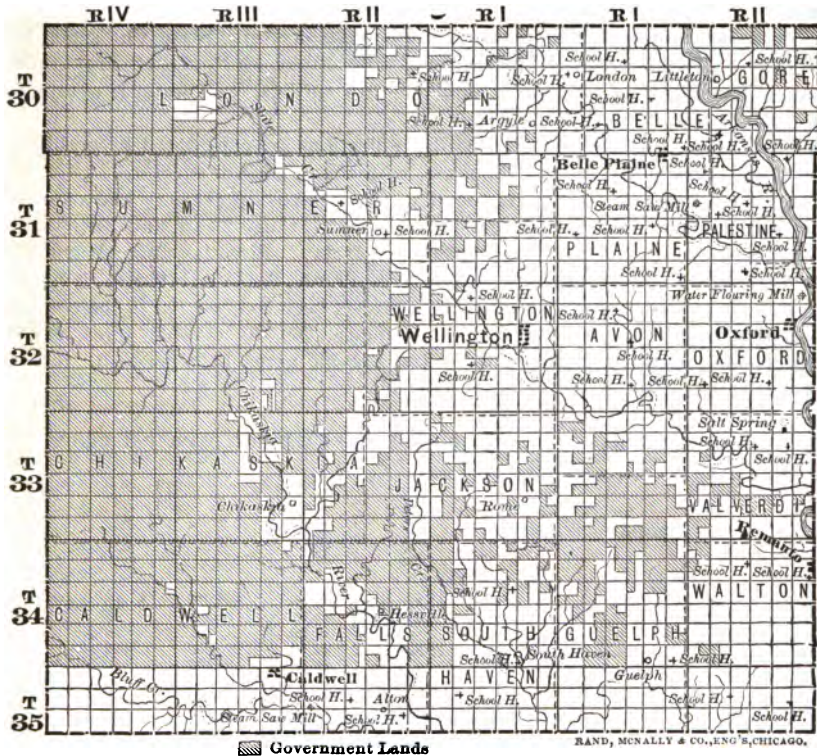
POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Avon .....            | 258  | Belle Plaine .....    | 613   | Ca'dwell .....        | 184   |
| Chikaskia .....       | 77   | Falls .....           | 240   | Gore .....            | 301   |
| Guelph .....          | 241  | Jackson .....         | 143   | London .....          | 453   |
| Oxford .....          | 520  | Palestine .....       | 400   | South Haven .....     | 284   |
| Sumner .....          | 162  | Val Verdi .....       | 225   | Walton .....          | 296   |
| Wellington .....      | 528  | .....                 | ..... | .....                 | ..... |

*Nativity.*—Born in the United States, 4,627; in Germany, 58; in Ireland, 22; in England and Wales, 68; in Scotland, 15; in Sweden, Norway and Denmark, 27; in France, 10; in South of Europe, 27; in British America, 68; in countries not specified, 3.

*Sex.*—Males, 2,667; females, 2,258.

MAP OF SUMNER COUNTY, KANSAS, 1875.



## WHERE FROM TO KANSAS.

|                     |       |                      |     |                             |    |
|---------------------|-------|----------------------|-----|-----------------------------|----|
| Alabama .....       | 4     | Minnesota .....      | 37  | Virginia .....              | 42 |
| Arkansas .....      | 47    | Mississippi .....    | 11  | West Virginia .....         | 36 |
| California .....    | 6     | Missouri .....       | 694 | Wisconsin .....             | 52 |
| Colorado .....      | 17    | Nebraska .....       | 91  | Dist. of Columbia and the   |    |
| Delaware .....      | 1     | Nevada .....         | 2   | Territories .....           | 12 |
| Illinois .....      | 1,345 | New Jersey .....     | 1   | Germany .....               | 7  |
| Indiana .....       | 353   | New York .....       | 69  | Ireland .....               | 1  |
| Iowa .....          | 766   | North Carolina ..... | 1   | England and Wales .....     | 7  |
| Kentucky .....      | 159   | Ohio .....           | 228 | Scotland .....              | 7  |
| Maine .....         | 15    | Pennsylvania .....   | 86  | France .....                | 8  |
| Maryland .....      | 1     | Tennessee .....      | 34  | Other South of Europe ..... | 1  |
| Massachusetts ..... | 8     | Texas .....          | 13  | British America .....       | 22 |
| Michigan .....      | 128   | Vermont .....        | 5   |                             |    |

Born in Kansas, 600; not otherwise stated, 7.

*Occupation.*—There are 1,128, or 83.3 per cent., engaged in Agriculture; 83, or 6.1 per cent., in Professional and Personal service; 51, or 3.7 per cent., in Trade and Transportation; 91, or 6.7 per cent., in Manufactures and Mining.



*County Seat.*—Wellington, the county seat, is 154 miles in an air line from Topeka, in a southwesterly direction.

*Face of the Country.*—Bottom lands, 20 per cent.; upland, 80 per cent.; forest, 3 per cent.; prairie, 97 per cent. Average width of bottoms,  $2\frac{1}{4}$  miles; general surface of the country, undulating.

*Timber.*—The streams are skirted with narrow belts of timber, ranging from 5 to 40 rods in width. Varieties: cottonwood, elm, hackberry, walnut, box elder and ash.

*Principal Streams.*—The Arkansas and Ninnescah rivers; Slate, Chicaspia, Fall, Bluff and Cowskin creeks. The course of these streams is from northwest to southeast. The county is not largely supplied with springs; well water is obtained at a depth of from 10 to 40 feet.

*Coal.*—None has been developed; the indications are considered favorable, and boring is being prosecuted at Remanto, with strong hope of success.

*Building Stone, etc.*—Stone is found in every township; variety and character not stated. There are salt springs in township 84, range 2 east, and township 83, range 2 east; manufacture, about 1,000 lbs. per day. Fire clay abounds generally throughout the county, but sometimes at great depth; the same is true as to gypsum.

*Railroad Connections.*—No railroads have yet been constructed in the county.

*Agricultural Statistics.*—Acres in the county, 760,320; taxable acres, 284,715; under cultivation, 89,728.96; cultivated to taxable acres, 18.98 per cent.: increase of cultivated acres during the year, 4,862.96.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     | ACREAGE.      | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|---------------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu. 15,276.00 | 22.00          | 336,072  | \$ .85 | \$285,661.20      |
| Rye .....                  | bu. 1,282.50  | 23.00          | 29,497   | .40    | 11,798.80         |
| Spring Wheat .....         | bu. 7.00      | 13.00          | 91       | .67½   | 61.42             |
| Corn .....                 | bu. 18,853.00 | 42.00          | 791,826  | .22½   | 178,160.85        |
| Barley .....               | bu. 4.00      | 26.00          | 104      | 1.10   | 114.40            |
| Oats .....                 | bu. 2,863.90  | 32.00          | 91,645   | .24    | 21,994.80         |
| Buckwheat .....            | bu. 9.00      | 21.00          | 189      | .70    | 132.30            |
| Potatoes, Irish .....      | bu. 945.00    | 125.00         | 30,625   | .45    | 13,781.25         |
| Sweet Potatoes .....       | bu. 16.04     | 165.00         | 2,647    | .70    | 1,852.90          |
| Sorghum .....              | gall. 308.15  | 120.00         | 36,978   | .45    | 16,870.10         |
| Castor Beans .....         | bu. 5.50      | 16.00          | 88       | 1.25   | 110.00            |
| Cotton .....               | bs. 1.62      | 150.00         | 243      | .06    | 19.44             |
| Flax .....                 | bu. 76.00     | 10.00          | 760      | .95    | 722.00            |
| Tobacco .....              | bs. .25       | 640.00         | 160      | .06    | 9.60              |
| Broom Corn .....           | bs. 65.00     | 750.00         | 48,750   | .05    | 2,437.50          |
| Millet and Hungarian ..... | tons 721.00   | 2.50           | 1,802    | 4.37½  | 7,883.75          |

*Dairy Products.*—Butter manufactured in 1875, 56,800 lbs.

*Farm Animals.*—Number of horses, in 1875, 1,767. Mules and asses, in 1875, 420. Cattle, in 1875, 4,171. Sheep, in 1875, 892. Swine, in 1875, 2,707.

*Dogs.*—Number of dogs in the county, 687; number of sheep killed by dogs, 23; value of sheep killed by dogs, \$53.59. Number of sheep killed by wolves, 4; value of sheep killed by wolves, \$9.32.

*Horticulture.*—Acres of nurseries, 42.36; orchards, 650.37; vineyards, 4.67.

*Fences.*—No returns of fences from this county.

*Herd Law.*—The herd law has been in force throughout the county since April, 1872. A correspondent says: "We could not get along without this law, as we have but little timber, consequently no fences."

**Water Powers.**—There are good powers, but very little developed as yet. There is one saw mill on the Cowskin.

**Manufactures.**—Caldwell township, steam saw mill. Belle Plaine township, steam saw mill. Oxford township, water-power flouring mill; one horse-power flouring mill. Walton township, one steam saw mill; one salt works.

**Banks.**—There is one private banking house at Wellington, that of John G. Woods.

**Newspapers.**—There is one weekly paper, the *Sumner County Press*, published at Wellington.

**Schools, etc.**—Organized school districts, 73; school houses, 39; value of school buildings and grounds, furniture and apparatus, \$36,248.

**Churches.**—Presbyterian: Organizations 4, membership 80, church edifices 1, valuation \$3,000. Congregational: Organizations 1, membership 10. Baptist: Organizations 3, membership 75. Methodist: Organizations 4, membership 100. Catholic: Organizations 4, membership 500.

**Libraries.**—21 private libraries, containing 1,698 volumes, are reported from five townships.

**Lands.**—The unsold lands are shown on the accompanying map of the county.

**Miscellaneous.**—Pounds of wool produced, 2,529.

**Wages.**—Farm laborers, per month, with board, \$15 to \$20; laborers in cities or on public improvements, per day, \$1.50; carpenters, per day, \$2 to \$4; bricklayers and stonemasons, per day, \$3 to \$4; house painters, per day, \$1.50 to \$2.50; wagon makers, per day, \$1.75 to \$2.25; blacksmiths, per day, \$2 to \$2.50; shoemakers, per day, \$2 to \$3; harness makers, per day, \$2 to \$3.50; tailors, per day, \$2 to \$4; printers, per day, \$2 to \$4; clerks, per month, \$25 to \$30; tanners, per day, \$2 to \$3.

Prices of unoccupied land range from \$1.25 to \$4 per acre.

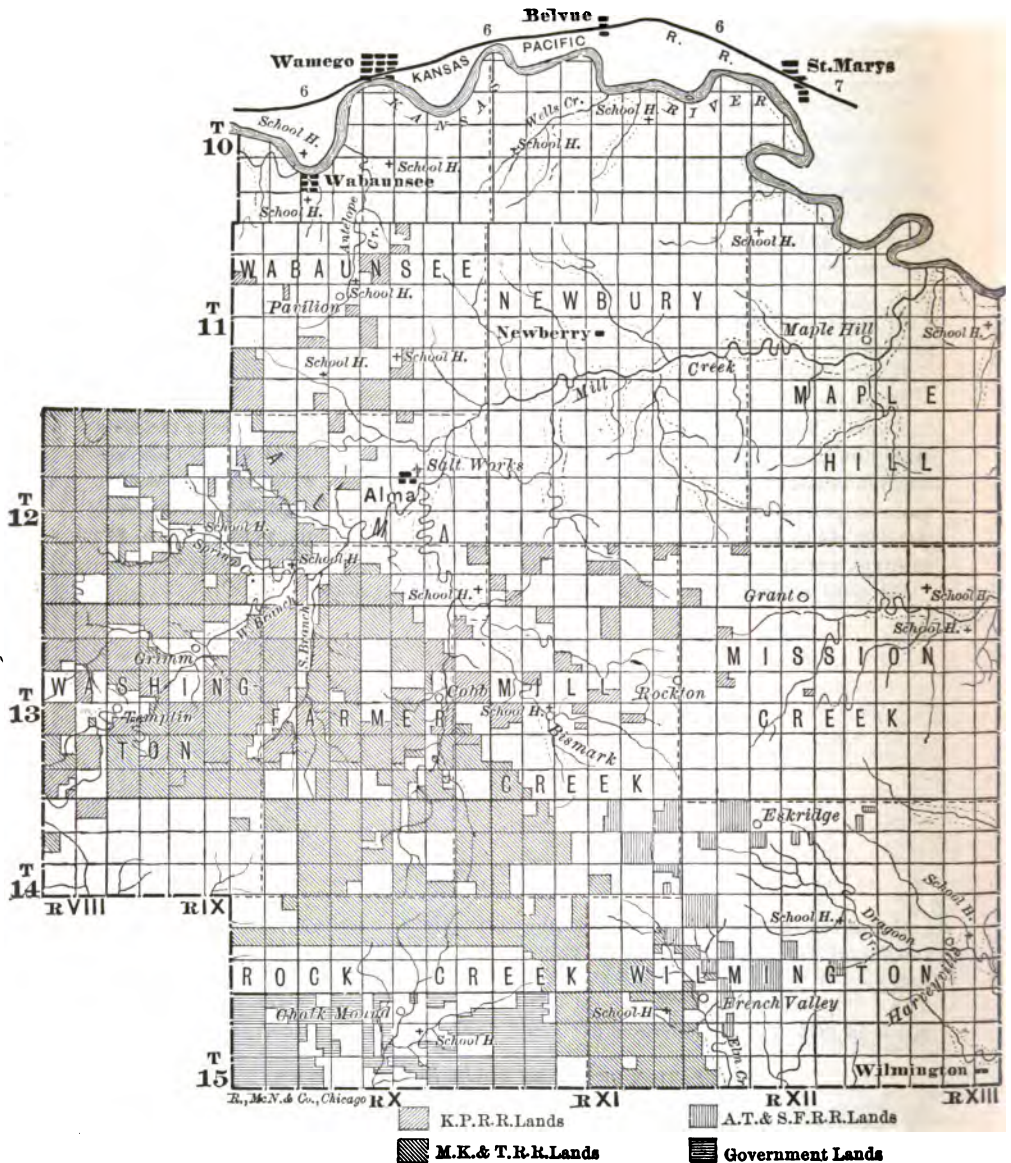
## WABAUNSEE COUNTY.

Organized in 1859. Named to commemorate the fame of a war chief of the Potawatomi tribe, who, though his exploits were achieved east of the Mississippi, removed with his tribe to Kansas. Square miles, 804. Population to square mile, 5.78. Population in 1860, 1,023; in 1870, 3,362: increase in ten years, 2,339; population in 1875, 4,649: increase in five years, 1287: increase in fifteen years, 3,626.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Alma.....             | 645  | Farmer.....           | 249  | Maple Hill.....       | 252  |
| Mill Creek.....       | 438  | Mission Creek.....    | 605  | Newbury.....          | 680  |
| Rock Creek.....       | 133  | Wabaunsee.....        | 659  | Washington.....       | 334  |
| Wilmington.....       | 664  |                       |      |                       |      |

MAP OF WABAUNSEE COUNTY, KANSAS, 1875.



**Nativity.**—Born in the United States, 3,690; in Germany, 536; in Ireland, 52; in England and Wales, 102; in Scotland, 28; in Sweden, Norway and Denmark, 125;

in France, 22; in North of Europe, 9; in South of Europe, 19; in British America, 60; in countries not specified, 6

*Sex.*—Males, 2,494; females, 2,155.

## WHERE FROM TO KANSAS.

|                     |     |                      |     |                             |     |
|---------------------|-----|----------------------|-----|-----------------------------|-----|
| Arkansas .....      | 7   | Minnesota .....      | 52  | Virginia .....              | 8   |
| California .....    | 1   | Mississippi .....    | 4   | Wisconsin .....             | 144 |
| Colorado .....      | 5   | Missouri .....       | 349 | Dist. of Columbia and the   |     |
| Connecticut .....   | 72  | Nebraska .....       | 1   | Territories .....           | 16  |
| Delaware .....      | 1   | Nevada .....         | 1   | Germany .....               | 143 |
| Illinois .....      | 567 | New Hampshire .....  | 8   | Ireland .....               | 1   |
| Indiana .....       | 327 | New Jersey .....     | 21  | England and Wales .....     | 48  |
| Iowa .....          | 235 | New York .....       | 110 | Scotland .....              | 8   |
| Kentucky .....      | 53  | North Carolina ..... | 12  | Sweden, Norway and Den-     |     |
| Louisiana .....     | 6   | Ohio .....           | 376 | mark .....                  | 88  |
| Maine .....         | 11  | Pennsylvania .....   | 214 | France .....                | 13  |
| Maryland .....      | 10  | Tennessee .....      | 105 | Other North of Europe ..... | 19  |
| Massachusetts ..... | 49  | Texas .....          | 2   | British America .....       | 53  |
| Michigan .....      | 138 | Vermont .....        | 19  |                             |     |

Born in Kansas, 1,837; not otherwise stated, 26.

*Occupation.*—There are 1,005, or 82.1 per cent., engaged in Agriculture; 98, or 8 per cent., in Professional and Personal service; 28, or 2.2 per cent., in Trade and Transportation; 92, or 7.5 per cent., in Manufactures and Mining.

*County Seat.*—Alma, the county seat, is 33 miles in an air line from Topeka, in a westerly direction.

*Face of the Country.*—Bottom land, 15 per cent; upland, 85 per cent.; forest, 4 per cent.; prairie, 96 per cent. Average width of bottoms, one mile; general surface of the country, western and eastern portions, undulating; central part, bluff; southeast of the centre, there is considerable level land.

*Timber.*—Average width of timber belts, one-quarter mile. Varieties: walnut, oak, hickory, cottonwood and sycamore.

*Principal Streams.*—Mill creek, flowing from southwest to northeast. Mission creek, southwest to northeast. Dagoon creek, west to east. Rock creek, east and northeast, to west and southwest, and numerous small streams. Mill creek is 36 miles long, and empties into the Kansas river. The springs are few, but excellent. Good well water reached at a depth of from 20 to 50 feet.

*Coal.*—Coal is supposed to underlie 25 per cent. of the area of the county, at an average depth below the surface of 15 feet, cropping out in the ravines. Thickness of veins about 14 inches; quality, inferior. W. W. Cone states that a six-inch vein was at one time worked in township 13, range 13, and in township 12, range 12 east, but that the mining has been abandoned. Borings have been made to the depth of 500 feet, but no paying veins found.

*Building Stone, etc.*—Blue and white limestone of superior quality is found in every township. Very strong salt brine was discovered in the artesian well at Alma, at a depth of 174 feet; at a depth of 378 feet it was much stronger; the boring ceased at a depth of 585 feet, when a chemical analysis proved the water to be almost free of all obnoxious mineral matter, and only 1½ degrees below the strength of the water at the celebrated Syracuse works. The well is being successfully worked, and salt manufactured both by natural and artificial heat. Fire clay was found in the well above mentioned at various depths, from 64 to 370 feet.

*Railroad Connections.*—None have been built in the county.

*Agricultural Statistics.*—Acres in the county, 514,560; taxable acres, 417,629; under cultivation, 41,299.04; cultivated to taxable acres, 9.89 per cent.: increase of cultivated acres during the year, 6,266.04.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat.....bu.          | 4,146.00  | 18.00          | 74,628   | \$ .95 | \$ 70,896.60      |
| Rye.....bu.                   | 1,522.00  | 16.00          | 24,352   | .58    | 14,194.16         |
| Spring Wheat.....bu.          | 1,901.50  | 11.00          | 20,916   | .60    | 12,549.60         |
| Corn.....bu.                  | 14,366.50 | 40.00          | 574,660  | .22½   | 129,398.50        |
| Barley.....bu.                | 482.00    | 23.00          | 11,086   | 1.25   | 13,857.75         |
| Oats.....bu.                  | 4,411.75  | 25.00          | 110,294  | .27    | 29,779.38         |
| Buckwheat.....bu.             | 13.25     | 18.00          | 238      | .30    | 190.40            |
| Potatoes, Irish.....bu.       | 597.37    | 100.00         | 59,737   | .30    | 17,921.10         |
| Sweet Potatoes.....bu.        | 49.12     | 153.00         | 7,515    | .75    | 5,636.25          |
| Sorghum.....gall.             | 174.30    | 90.00          | 15,687   | .47½   | 7,451.32          |
| Castor Beans.....bu.          | 39.50     | 14.00          | 553      | 1.10   | 608.30            |
| Cotton.....lbs.               | 2.00      | 50.00          | 100      | .09    | 9.00              |
| Flax.....bu.                  | 456.75    | 8.00           | 3,654    | 1.00   | 3,654.00          |
| Tobacco.....lbs.              | 2.00      | 600.00         | 1,200    | .07    | 84.00             |
| Broom Corn.....lbs.           | 89.00     | 720.00         | 64,080   | .05    | 3,204.00          |
| Millet and Hungarian.....tons | 1,566.00  | 9.00           | 3,182    | 4.50   | 14,094.00         |
| Timothy.....tons              | 9.00      | 1.00           | 9        | 7.00   | 63.00             |
| Clover.....tons               | 1.50      | 2.25           | 3        | 6.00   | 18.00             |
| Prairie.....tons              | 7,095.50  | 1.50           | 10,643   | 3.50   | 37,250.00         |

*Dairy Products.*—Cheese manufactured in 1870, 12,054 lbs.; in 1875, 20,420 lbs.: increase, 8,366 lbs. Butter manufactured in 1870, 69,685 lbs.; in 1875, 142,412 lbs.: increase, 72,727 lbs.

*Farm Animals.*—Number of horses in 1870, 1,988; in 1875, 2,872: increase, 889. Mules and asses, in 1870, 97; in 1875, 182: increase, 85. Cattle, in 1870, 6,570; in 1875, 12,166: increase, 5,596. Sheep, in 1870, 862; in 1875, 1,216: increase, 354. Swine, in 1870, 1,466; in 1875, 1,728: increase, 262.

*Dogs.*—Number of dogs in the county, 805; number of sheep killed by dogs, 77; value of sheep killed by dogs, \$179.41. Number of sheep killed by wolves, 19; value of sheep killed by wolves, \$44.27.

*Horticulture.*—Acres of nurseries, 10.50; orchards, 652.87; vineyards, 14.37.

*Apiaculture.*—Number of stands of bees, 16; pounds of honey, 15; wax, 10.

*Fences.*—Stone, 35,232 rods; cost, \$79,272. Rail, 121,054 rods; cost, \$163,422.90. Board, 21,391 rods; cost, \$26,738.25. Wire, 17,700 rods; cost, \$11,947.50. Hedge, 18,926 rods; cost, \$10,409.30. Total rods of fence, 214,303; total cost, \$291,790.45.

*Herd Law.*—Herd law not in force. A correspondent writes that "a large majority are opposed to it."

*Water Powers.*—There is an abundance of water powers, but little utilized for want of capital. One water-power flouring and saw mill at Alma.

*Manufactures.*—Alma township, salt works, water-power saw and flouring mill; two saw mills, wagon and carriage factory. Maple Hill township, water-power saw mill. Wabauunsee township, cheese factory. Mission Creek township, two cheese factories, one knit goods factory. Washington township, steam saw mill. Berlina, steam saw mill.

*Banks.*—Farmers' Savings Bank, of Alma; Western Financial Association, Alma.

*Newspapers.*—The *News*, published weekly at Alma.

*Schools, etc.*—Organized school districts, 53; school houses, 43; value of school buildings and grounds, furniture and apparatus, \$41,279.

*Churches.*—Congregational: Organizations, 3, membership 112, church edifices 1, valuation, \$3,500. Baptist: Organizations 1, membership 36. Methodist: Organizations 1, membership 178, church edifices 1, valuation \$800. Episcopal: Membership 7. Catholic: Organizations 3, membership 230, church edifices 1, valuation \$500. Lutheran: Organizations 2, membership 35.

*Libraries.*—Two townships report 11 private libraries, containing 1,730 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$332.83; poultry and eggs sold during the year, \$3,256; pounds of wool produced, 4,490.

*Wages.*—Farm laborers, per month, with board, \$15 to \$18; laborers in cities or on public improvements, per day, \$1.25; carpenters, per day, \$2 to \$2.50; bricklayers and stonemasons, per day, \$2 to \$2.50; house painters, per day, \$1.50 to \$2; shoemakers, per day, \$2 to \$2.50; clerks, per month, \$40 to \$50.

Prices of unoccupied land range from \$1.50 to \$7.50 per acre.

## WASHINGTON COUNTY.

Organized in 1860. Named in honor of the first President of the United States Square miles, 900. Population to square mile, 9.57. Population in 1860, 383; in 1870, 4,081: increase in ten years, 3,698; population in 1875, 8,621: increase in five years, 4,540: increase in fifteen years, 8,238.

### POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|------|-----------------------|-------|-----------------------|-------|
| Charleston.....       | 255  | Clifton.....          | 940   | Hanover.....          | 1,167 |
| Hollenberg.....       | 427  | Lincoln.....          | 1,109 | Little Blue.....      | 816   |
| Mill Creek.....       | 705  | Sherman.....          | 1,299 | Strawberry.....       | 848   |
| Washington.....       | 841  | Union.....            | 214   |                       |       |

*Nativity.*—Born in the United States, 6,982; in Germany, 621; in Ireland, 143; in England and Wales, 163; in Scotland, 64; in Sweden, Norway and Denmark, 217; in France, 10; in North of Europe, 2; in South of Europe, 118; in British America, 297; in countries not specified, 4.

*Sex.*—Males, 4,566; females, 4,055.

### WHERE FROM TO KANSAS.

|                    |       |                     |     |                           |     |
|--------------------|-------|---------------------|-----|---------------------------|-----|
| Alabama.....       | 1     | Minnesota.....      | 107 | Virginia.....             | 66  |
| Arkansas.....      | 1     | Missouri.....       | 523 | West Virginia.....        | 18  |
| California.....    | 7     | Nebraska.....       | 260 | Wisconsin.....            | 416 |
| Colorado.....      | 4     | Nevada.....         | 2   | Dist. of Columbia and the |     |
| Connecticut.....   | 27    | New Jersey.....     | 31  | Territories.....          | 10  |
| Illinois.....      | 1,589 | New York.....       | 245 | Germany.....              | 191 |
| Indiana.....       | 847   | North Carolina..... | 15  | Ireland.....              | 3   |
| Iowa.....          | 1,559 | Ohio.....           | 489 | England and Wales.....    | 83  |
| Kentucky.....      | 69    | Oregon.....         | 1   | Scotland.....             | 9   |
| Louisiana.....     | 5     | Pennsylvania.....   | 79  | Sweden, Norway and Den-   |     |
| Maine.....         | 20    | Rhode Island.....   | 4   | mark.....                 | 77  |
| Maryland.....      | 5     | Tennessee.....      | 13  | South of Europe.....      | 10  |
| Massachusetts..... | 26    | Texas.....          | 5   | British America.....      | 197 |
| Michigan.....      | 175   | Vermont.....        | 4   |                           |     |

Born in Kansas, 1,975; not otherwise stated, 8.

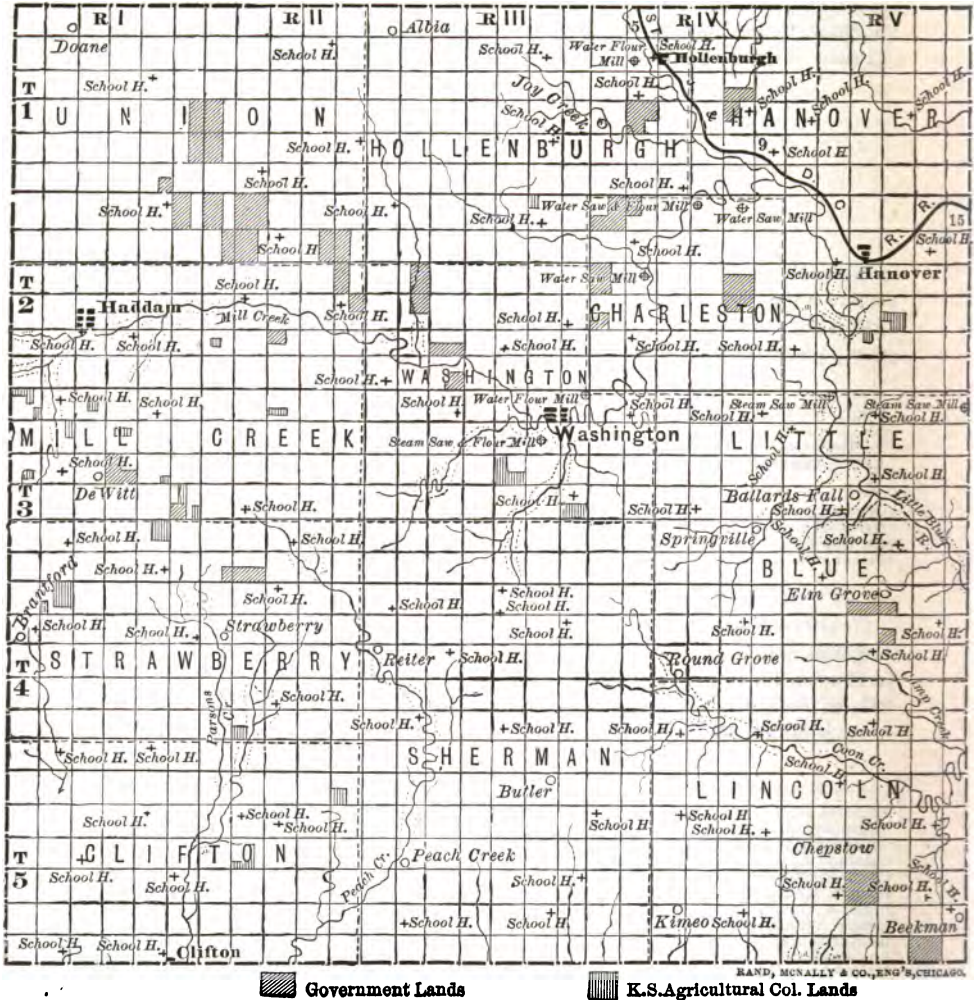
*Occupation.*—There are 1,806, or 86.6 per cent., engaged in Agriculture; 75, or 3.6 per cent., in Professional and Personal service; 58, or 2.7 per cent., in Trade and Transportation; 143, or 6.8 per cent., in Manufactures and Mining.

*County Seat.*—Washington, the county seat, is 90 miles in an air line from Topeka, in a northwesterly direction.



*Face of the Country.*—Bottom land, 8 per cent.; upland, 92 per cent.; forest, 2 per cent.; prairie, 98 per cent. Average width of bottoms, one-half mile; general surface of the country, undulating.

MAP OF WASHINGTON COUNTY, KANSAS, 1875.



*Timber.*—Average width of timber belts—on Mill creek, one-quarter mile; others narrow. Varieties: elm, cottonwood, walnut and oak.

*Principal Streams.*—The Little Blue, direction southwest; principal tributaries, Mill and Coon creeks, flowing east. Pete's creek, Parson's creek, etc., flow south into the Republican.



*Coal.*—None of consequence has been developed; the little that has been discovered is of inferior quality.

*Building Stone, etc.*—There is an abundance of limestone in the eastern, northern and western tiers of townships; an abundance of pottery clay, which is being utilized at Hanover; gypsum reported to be plenty on the Blue and on Mill creek.

*Railroad Connections.*—The St. Joseph & Denver City Railroad runs across the northeastern corner of the county. Station, Hanover.

*Agricultural Statistics.*—Acres in the county, 576,000; taxable acres, 285,733; under cultivation, 80,856.21; cultivated to taxable acres, 28.29 per cent.: increase of cultivated acres during the year, 14,751.21.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                     |       | ACREAGE.  | AVERAGE YIELD. | PRODUCT. | PRICE. | VALUE OF PRODUCT. |
|----------------------------|-------|-----------|----------------|----------|--------|-------------------|
| Winter Wheat .....         | bu.   | 7,623.00  | 18.00          | 140,814  | \$ .85 | \$119,691.90      |
| Rye .....                  | bu.   | 5,398.75  | 22.00          | 118,772  | .55    | 65,324.60         |
| Spring Wheat .....         | bu.   | 25,945.00 | 14.00          | 363,230  | .65    | 236,099.50        |
| Corn .....                 | bu.   | 26,309.00 | 40.00          | 812,360  | .26    | 162,472.00        |
| Barley .....               | bu.   | 2,596.33  | 22.00          | 57,119   | 1.30   | 68,542.80         |
| Oats .....                 | bu.   | 7,387.25  | 39.00          | 288,103  | .30    | 86,430.90         |
| Buckwheat .....            | bu.   | 57.12     | 22.00          | 1,267    | .70    | 879.90            |
| Potatoes, Irish .....      | bu.   | 655.24    | 105.00         | 68,800   | .25    | 17,200.00         |
| Sweet Potatoes .....       | bu.   | 6.65      | 145.00         | 964      | .75    | 723.00            |
| Sorghum .....              | gall. | 345.26    | 110.00         | 37,979   | .40    | 15,191.60         |
| Castor Beans .....         | bu.   | 40.75     | 15.00          | 611      | 1.00   | 611.00            |
| Cotton .....               | lbs.  |           |                |          |        |                   |
| Flax .....                 | bu.   | 827.00    | 9.00           | 7,443    | .95    | 7,070.85          |
| Hemp .....                 | lbs.  |           |                |          |        |                   |
| Tobacco .....              | lbs.  | 10.99     | 570.00         | 6,264    | .06    | 315.84            |
| Broom Corn .....           | lbs.  | 252.37    | 730.00         | 184,230  | .05    | 9,211.50          |
| Millet and Hungarian ..... | tons  | 408.50    | 2.25           | 919      | 3.00   | 2,757.00          |
| Timothy .....              | tons  | 108.25    | 1.25           | 135      | 6.00   | 810.00            |
| Clover .....               | tons  | 12.25     | 2.50           | 31       | 5.50   | 170.50            |
| Prairie .....              | tons  | 200.00    | 1.50           | 300      | 3.00   | 900.00            |

*Dairy Products.*—Cheese manufactured in 1870, 200 lbs.; in 1875, 1,250 lbs.: increase, 1,050 lbs. Butter manufactured in 1870, 53,182 lbs.; in 1875, 197,698 lbs.: increase, 144,516 lbs.

*Farm Animals.*—Number of horses in 1870, 735; in 1875, 3,713: increase, 2,978. Mules and asses, in 1870, 56; in 1875, 263: increase, 207. Cattle, in 1870, 2,399; in 1875, 9,445: increase, 7,046. Sheep, in 1870, 452; in 1875, 711: increase, 259. Swine, in 1870, 761; in 1875, 5,473: increase, 4,712.

*Dogs.*—Number of dogs in the county, 1,582; number of sheep killed by dogs, 25; value of sheep killed by dogs, \$58.25. Number of sheep killed by wolves, 8; value of sheep killed by wolves, \$18.64.

*Horticulture.*—Acres of nurseries, 15; orchards, 1,008.31; vineyards, 12.37.

*Apiculture.*—Number of stands of bees, 7.

*Fences.*—Stone, 3,279 rods; cost, \$9,837. Rail, 38,272 rods; cost, \$52,624. Board, 14,171 rods; cost, \$22,673.60. Wire, 5,500 rods; cost, \$4,785. Hedge, 64,959 rods; cost, \$30,855.52. Total rods of fence, 126,181; total cost, \$120,775.12.

*Herd Law.*—The herd law has been in force for the past five years throughout the entire county. A correspondent writes: "We could not get along without a herd law; but the law needs modifying, making a night herd law alone for four months in the winter."

*Water Powers.*—The Little Blue affords good power, but little utilized. Mill creek affords power three-fifths of the year, and is fully employed.

**Manufactures.**—Hanover township, water-power flouring mill, capital \$8,000; pottery, brewery, brick factory. Hollenberg township, water-power flouring mill, capital \$3,000. Mill Creek township, water-power grist mill, capital \$1,000. Washington township, two water-power saw mills, steam saw mill, cheese factory, furniture factory, two water-power flouring mills, and water and steam-power flouring mill. Strawberry township, wind grist mill.

**Banks.**—George W. Shriner & Co., Washington.

**Business Houses of Principal Town.**—Agricultural implements and wagons, 3; drugs, oils and paints, 3; furniture and upholstery, 1; hardware, 1; lumber, 3; millinery, 2; general country stores, 14; saddles and harness, 2; sewing machines, 2.

**Newspapers.**—The *Republican*, published weekly, at Washington, and the *Independent*, weekly, at Hanover.

**Schools, etc.**—Organized school districts, 108; school houses, 86; value of school buildings and grounds, furniture and apparatus, \$57,970.

**Churches.**—Presbyterian: Organizations 2, membership 60, church edifices 1, valuation \$3,000. Baptist: Organizations 5, membership 198. United Presbyterian: Organizations 1, membership 20. Methodist: Organizations 3, membership 259, church property \$600. Episcopal: Membership 5. Catholic: Organizations 4, membership 500, church edifices 2, valuation \$1,000.

**Libraries.**—There are but four private libraries, with 590 volumes, reported. These are in two townships.

**Lands.**—The unsold lands are shown on the accompanying map of the county.

**Miscellaneous.**—Produce of gardens marketed, \$505.25; poultry and eggs sold during the year, \$4,079.75; pounds of wool produced, 2,050.

**Wages.**—Farm laborers, per month, with board, \$17; laborers in cities or on public improvements, per day, \$1; carpenters, per day, \$3; bricklayers and stonemasons, per day, \$3; house painters, per day, \$3; wagon makers, per day, \$2.50; blacksmiths, per day, \$2.50; shoemakers, per day, \$2.50; harness makers, per day, \$2.50; printers, per day, \$3; tinnerns, per day, \$2.

Vacant lands range from \$2 to \$7 per acre.

## WILSON COUNTY.

Organized in 1865. Named in honor of Colonel H. T. Wilson, of Fort Scott, Kansas. Square miles, 576. Population to square mile, 16.92. Population in 1860, 27; in 1870, 6,694: increase in ten years, 6,667; population in 1875, 9,749: increase in five years, 3,055: increase in fifteen years, 9,722.

POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|-------|-----------------------|------|
| Cedar.....            | 725  | Fredonia.....         | 555   | Centre.....           | 599  |
| Chester.....          | 596  | Clifton.....          | 687   | Colfax.....           | 421  |
| Duck Creek.....       | 481  | Fall River.....       | 1,051 | Guilford.....         | 443  |
| Neodesha City.....    | 665  | Neodesha.....         | 725   | Newark.....           | 513  |
| Pleasant Valley.....  | 562  | Prairie.....          | 362   | Talleyrand.....       | 448  |
| Verdigris.....        | 917  |                       |       |                       |      |

*Nativity.*—Born in the United States, 9,263; in Germany, 108; in Ireland, 46; in England and Wales, 89; in Scotland, 35; in Sweden, Norway and Denmark, 119; in France, 17; in North of Europe, 1; in South of Europe, 18; in British America, 55; in countries not specified, 3.

*Sex.*—Males, 5,097; females, 4,652.

MAP OF WILSON COUNTY, KANSAS, 1875.



## WHERE FROM TO KANSAS.

|               |       |                |       |                                       |     |
|---------------|-------|----------------|-------|---------------------------------------|-----|
| Arkansas      | 35    | Minnesota      | 88    | Wisconsin                             | 181 |
| California    | 3     | Missouri       | 1,466 | Dist. of Columbia and the Territories | 8   |
| Colorado      | 9     | Nebraska       | 43    | Germany                               | 17  |
| Connecticut   | 7     | Nevada         | 1     | Ireland                               | 4   |
| Florida       | 4     | New Jersey     | 10    | England and Wales                     | 1   |
| Illinois      | 2,315 | New York       | 86    | Scotland                              | 1   |
| Indiana       | 1,232 | North Carolina | 17    | Sweden, Norway and Denmark            | 102 |
| Iowa          | 967   | Ohio           | 480   | France                                | 1   |
| Kentucky      | 202   | Pennsylvania   | 95    | Other North of Europe                 | 8   |
| Louisiana     | 12    | Tennessee      | 57    | Other South of Europe                 | 1   |
| Maine         | 6     | Texas          | 48    | British America                       | 4   |
| Maryland      | 9     | Vermont        | 8     |                                       |     |
| Massachusetts | 5     | Virginia       | 29    |                                       |     |
| Michigan      | 99    | West Virginia  | 27    |                                       |     |

Born in Kansas, 2,205; not otherwise stated, 29.

*Occupation.*—There are 1,886, or 82.3 per cent., engaged in Agriculture; 149, or 6.5 per cent., in Professional and Personal service; 74, or 3.2 per cent., in Trade and Transportation; 181, or 7.4 per cent., in Manufactures and Mining.

*County Seat.*—Fredonia, the county seat, is 102 miles from Topeka, in a southerly direction.

*Face of the Country.*—Bottom lands, 20 per cent.; upland, 80 per cent.; forest, 8 per cent.; prairie, 92 per cent. Average width of river bottoms proper, from 1 to 1½ miles; general surface of the country, level, some portions gently undulating, but few bluffs.

*Timber.*—Width of timber belts from one-half to one and one-half miles. Varieties: oak, hickory, walnut, hackberry, elm, soft maple, pecan, coffee bean, with considerable sycamore, ash, cherry and linn, or basswood; some cedar on the river bluffs.

*Principal Streams.*—Verdigris and Fall rivers, running southeast; Cedar and Sandy creeks, tributaries of the Verdigris, running southwest; Duck creek, tributary of Fall river, running north; Buffalo creek, tributary of the Verdigris, running southwest, and numerous smaller streams. There are a good many springs, and well water is obtained at a depth of from 12 to 30 feet.

*Coal.*—Coal is supposed to underlie the whole county. Thickness from six inches to three feet; found at the surface in the eastern part of the county, dipping west. Quality good; used for fuel throughout the county, and for local mechanical purposes.

*Building Stone, etc.*—Good lime and sandstone is well distributed over the county; there are salt springs and marshes near Fredonia, and fire-clay in the vicinity of Fall and Verdigris rivers.

*Railroad Connections.*—No railroads have yet been constructed in the county.

*Agricultural Statistics.*—Acres in the county, 368,640; taxable acres, 273,750; under cultivation, 106,162.87; cultivated to taxable acres, 38.78 per cent.: increase of cultivated acres, 17,770.87.

ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 15,092.00 | 20.00          | 301,840   | \$ .89 | \$268,637.60      |
| Rye.....bu.                   | 542.50    | 20.00          | 10,850    | .58    | 6,293.00          |
| Spring Wheat.....bu.          | 184.00    | 13.00          | 1,668     | .80    | 1,334.40          |
| Corn.....bu.                  | 22,902.00 | 42.00          | 1,381,884 | .19    | 262,557.96        |
| Barley.....bu.                | 21.00     | 30.00          | 630       | 1.18   | 743.40            |
| Oats.....bu.                  | 2,974.75  | 40.00          | 158,990   | .18    | 28,618.20         |
| Buckwheat.....bu.             | 37.00     | 22.00          | 814       | .80    | 651.20            |
| Potatoes, Irish.....bu.       | 701.97    | 150.00         | 105,295   | .32½   | 34,230.67         |
| Sweet Potatoes.....bu.        | 65.54     | 155.00         | 10,159    | .65    | 6,608.25          |
| Sorghum.....gall.             | 722.62    | 120.00         | 86,714    | .37½   | 32,517.75         |
| Castor Beans.....bu.          | 1,067.00  | 18.00          | 19,206    | .90    | 17,285.40         |
| Cotton.....bs.                | 176.00    | 200            | 35,200    | .09    | 3,168.00          |
| Flax.....bu.                  | 1,157.50  | 10.00          | 11,575    | 1.18   | 13,658.50         |
| Hemp.....bs.                  | 16.75     | 700.00         | 11,725    | .60    | 7,035.00          |
| Tobacco.....bs.               | 23.17     | 700.00         | 16,219    | .08    | 1,297.52          |
| Broom Corn.....bs.            | 22.04     | 780.00         | 71,791    | .07    | 5,025.37          |
| Millet and Hungarian.....tons | 855.00    | 2.75           | 2,351     | 6.50   | 15,381.50         |
| Timothy.....tons              | 162.50    | 1.25           | 203       | 8.00   | 1,624.00          |
| Clover.....tons               | 185.12    | 2.75           | 509       | 8.00   | 4,072.00          |
| Prairie.....tons              | 28,879.33 | 1.50           | 43,319    | 3.25   | 140,786.75        |

*Dairy Products.*—Cheese manufactured in 1870, 610 lbs.; in 1875, 2,132 lbs.: increase, 1,522 lbs. Butter manufactured in 1870, 52,720 lbs.; in 1875, 211,342 lbs.: increase, 158,622 lbs.

*Farm Animals.*—Number of horses in 1870, 1,210; in 1875, 3,951: increase, 2,741. Mules and asses in 1870, 108; in 1875, 401: increase, 293. Cattle in 1870, 4,896; in 1875, 14,842: increase, 9,946. Sheep, in 1870, 2,368; in 1875, 1,769: decrease, 599. Swine, in 1870, 1,865; in 1875, 5,999: increase, 4,134.

*Dogs.*—Number of dogs in the county, 1,514; number of sheep killed by dogs, 357; value of sheep killed by dogs, \$831.81. Number of sheep killed by wolves, 28; value of sheep killed by wolves, \$65.24.

*Horticulture.*—Acres of nurseries, 48.50; orchards, 2,797; vineyards, 64.25.

*Apiaculture.*—Number of stands of bees, 147; pounds of honey, 362; wax, 9.

*Fences.*—Stone, 6,824 rods; cost, \$17,060. Rail, 391,289 rods; cost, \$557,586.82. Board, 45,844 rods; cost, \$68,766. Wire, 44,400 rods; cost, \$35,964. Hedge, 133,081 rods; cost, \$66,540.50. Total rods of fence, 621,438; total cost, \$745,917.32.

*Herd Law.*—Not in force.

*Water Powers.*—There are two water-power mills on Fall river, two on the Verdigris, and several unimproved powers.

*Manufactures.*—Neodesha township, 1 steam flouring mill, 1 steam saw and planing mill, 1 water-power flouring mill. Cedar township, 2 water and steam-power flouring and saw mills. Fall River township, 1 steam saw mill and 2 steam saw and flouring mills. Guilford township, 1 steam and water-power flouring and saw mill. Verdigris township, 1 steam-power flouring and saw mill. Clifton township, 1 steam-power saw mill. Centre township, 2 water-power flouring mills.

*Banks.*—The following are the banks and banking houses: Wilson County Savings Bank, Fredonia; the Neodesha Savings Bank, Neodesha; R. M. Foster & Co., Fredonia, the aggregate capital being \$57,313.

*Newspapers.*—There are two weekly papers published in the county, the *Wilson County Citizen*, at Fredonia, and the *Free Press*, at Neodesha.

*Schools, etc.*—Organized school districts, 91; school houses, 86; value of school buildings and grounds, furniture and apparatus, \$64,850.

*Churches.*—Presbyterian: Organizations 1, membership 20, church edifices 1, valuation \$2,500. Congregational: Organizations 4, membership 154, church edifices 2, valuation \$5,600. Baptist: Organizations 6, membership 250, church edifices 1, valuation \$400. Methodist: Organizations 30, membership 797, church edifices 2, valuation \$6,500. Catholic: Organizations 3, membership 350, church edifices 1.

*Libraries.*—26 private libraries, containing 1,213 volumes, are all reported; only four townships out of 16 giving returns.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$2,284.50; poultry and eggs sold during the year, \$3,439; pounds of wool produced, 6,351.

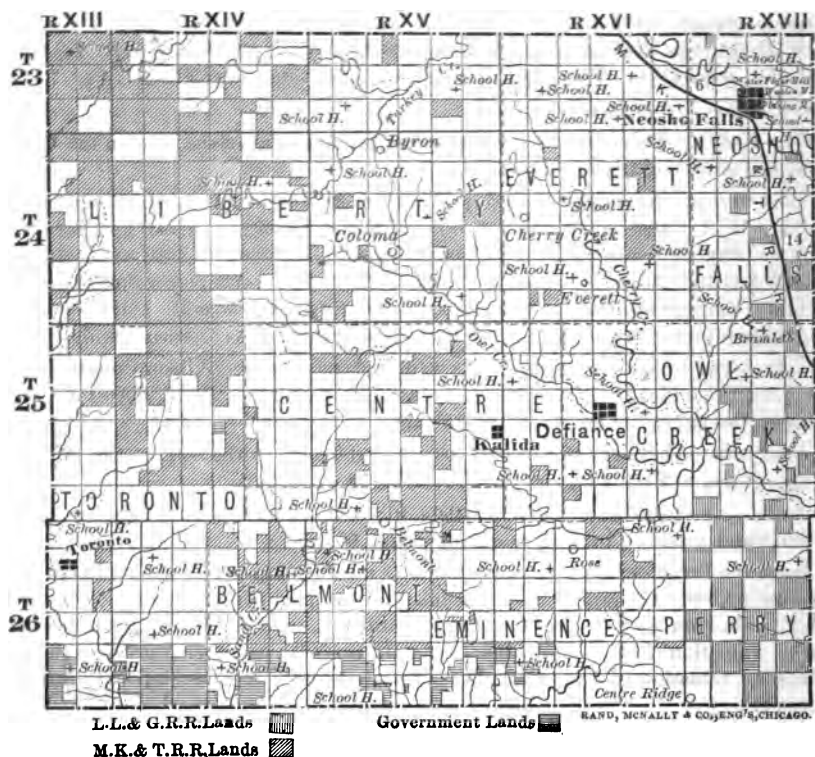
*Wages.*—Farm laborers, per month, with board, \$15 to \$20; laborers in cities or on public improvements, per day, \$1.50 to \$2; carpenters, per day, \$2 to \$2.50; bricklayers and stonemasons, per day, \$3.00 to \$3.50; housepainters, per day, \$3.50; wagon makers, per day, \$3 to \$4; shoemakers, per day, \$2 to \$3; harness makers, per day, \$2 to \$3; printers, per day, \$1.50 to \$2; printers, per 1,000 ems, 40 to 50 cents; clerks, per month, \$20 to \$50; tanners, per day, \$3 to \$4.

Vacant lands range from \$2 to \$6 per acre.

## WOODSON COUNTY.

Organized in 1855. Named in honor of Daniel Woodson, who was Secretary of Kansas Territory, and for some time, in 1856, acting Governor. Square miles, 504. Population to square mile 8.88. Population in 1860, 1,488; in 1870, 3,827: increase in ten years, 2,339; population in 1875, 4,476: increase in five years, 649: increase in fifteen years, 2,988.

MAP OF WOODSON COUNTY, KANSAS, 1875.



POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. | TOWNSHIPS AND CITIES. | POP. |
|-----------------------|------|-----------------------|------|-----------------------|------|
| Belmont .....         | 442  | Centre .....          | 402  | Eminence .....        | 310  |
| Everett .....         | 501  | Liberty .....         | 642  | Neosho Falls .....    | 330  |
| Owl Creek .....       | 607  | Perry .....           | 349  | Toronto .....         | 398  |

*Nativity.*—Born in the United States, 3,984; in Germany, 226; in Ireland, 50; in England and Wales, 59; in Scotland, 10; in Sweden, Norway and Denmark, 8; in France, 3; in North of Europe, 6; in South of Europe, 10; in British America, 114; in countries not specified, 0.

*Sex.*—Males, 2,396; females, 2,080.

## WHERE FROM TO KANSAS.

|                    |       |                     |     |                            |    |
|--------------------|-------|---------------------|-----|----------------------------|----|
| Arkansas.....      | 17    | Missouri.....       | 471 | Wisconsin.....             | 71 |
| California.....    | 4     | Nebraska.....       | 19  | Dist. of Columbia and the  |    |
| Colorado.....      | 4     | Nevada.....         | 1   | Territories.....           | 19 |
| Connecticut.....   | 17    | New Jersey.....     | 13  | Germany.....               | 93 |
| Illinois.....      | 1,033 | New York.....       | 141 | Ireland.....               | 6  |
| Indiana.....       | 465   | North Carolina..... | 14  | England and Wales.....     | 8  |
| Iowa.....          | 352   | Ohio.....           | 231 | Scotland.....              | 3  |
| Kentucky.....      | 60    | Pennsylvania.....   | 77  | Sweden, Norway and Den-    |    |
| Maine.....         | 10    | Rhode Island.....   | 3   | mark.....                  | 3  |
| Maryland.....      | 1     | Tennessee.....      | 18  | Other North of Europe..... | 1  |
| Massachusetts..... | 9     | Texas.....          | 16  | South of Europe.....       | 1  |
| Michigan.....      | 57    | Vermont.....        | 10  | British America.....       | 80 |
| Minnesota.....     | 26    | Virginia.....       | 21  |                            |    |
| Mississippi.....   | 17    | West Virginia.....  | 24  |                            |    |

Born in Kansas, 1,056; not otherwise stated, 4.

*Occupation.*—There are 846 or 80.8 per cent., engaged in Agriculture; 73, or 6.9 per cent., in Professional and Personal service; 36, or 3.4 per cent., in Trade and Transportation; 92, or 8.8 per cent., in Manufactures and Mining.

*County Seat.*—Defiance, the county seat, is 82 miles in an air line from Topeka, in a southerly direction.

*Face of the Country.*—Bottom land, 10 per cent.; upland, 90 per cent.; forest, 6 per cent.; prairie, 94 per cent. Average width of bottoms, from one-half mile to two miles; general surface of the country, gently undulating.

*Timber.*—Average width of timber belts, one-half mile. Varieties: oak, hickory, black walnut, hackberry, honey locust, pecan, sycamore, elm and cottonwood.

*Principal Streams.*—The Neosho river enters the county near the northeastern corner, and runs across the corner of the county in a southeasterly direction; the principal tributaries are Owl and Cherry creeks. The Verdigris river runs across the extreme southwestern corner of the county in a southeasterly direction; principal tributary, Big Sandy. The county is not well supplied with springs; good well water at a depth of from 20 to 40 feet.

*Coal.*—Coal has not been developed in appreciable quantities.

*Building Stone.*—Stone abundant and well distributed; varieties not stated.

*Railroad Connections.*—The Missouri, Kansas & Texas Railroad runs across the northeastern corner of the county in a southeasterly direction, following the valley of the Neosho.

*Agricultural Statistics.*—Acres in the county, 322,560; taxable acres, 262,177; under cultivation, 47,863.81; cultivated to taxable acres, 18.25 per cent.: increase of cultivated acres during the year, 5,760.81.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                    |       | ACREAGE.  | AVERAGE<br>YIELD. | PRODUCT. | PRICE. | VALUE OF<br>PRODUCT. |
|---------------------------|-------|-----------|-------------------|----------|--------|----------------------|
| Winter Wheat.....         | bu.   | 2,363.00  | 18.00             | 42,534   | \$1.00 | \$ 42,534.00         |
| Rye.....                  | bu.   | 274.00    | 18.00             | 4,932    | .58    | 2,860.56             |
| Spring Wheat.....         | bu.   | 9.00      | 11.00             | 99       | .80    | 79.20                |
| Corn.....                 | bu.   | 14,009.50 | 40.00             | 560,380  | .20    | 112,076.00           |
| Oats.....                 | bu.   | 3,395.00  | 40.00             | 131,800  | .20    | 26,360.00            |
| Buckwheat.....            | bu.   | 39.50     | 21.00             | 829      | .80    | 663.20               |
| Potatoes, Irish.....      | bu.   | 483.95    | 100.00            | 48,395   | .35    | 16,938.25            |
| Sweet Potatoes.....       | bu.   | 20.74     | 153.00            | 3,173    | .65    | 2,062.45             |
| Sorghum.....              | gall. | 387.75    | 110.00            | 42,652   | .40    | 17,060.80            |
| Castor Beans.....         | bu.   | 126.75    | 16.00             | 2,028    | .95    | 1,926.60             |
| Cotton.....               | lbs.  | 5.62      | 125.00            | 702      | .08    | 56.16                |
| Flax.....                 | bu.   | 1,510.50  | 9.00              | 13,594   | 1.05   | 14,273.70            |
| Tobacco.....              | lbs.  | 9.75      | 625.00            | 6,094    | .07    | 426.58               |
| Broom Corn.....           | lbs.  | 54.00     | 760.00            | 41,040   | .06    | 2,462.40             |
| Millet and Hungarian..... | tons  | 881.50    | 2.50              | 2,204    | 5.75   | 12,673.00            |
| Timothy.....              | tons  | 90.00     | 1.00              | 90       | 8.00   | 720.00               |
| Clover.....               | tons  | 62.00     | 2.25              | 139      | 7.50   | 967.50               |
| Prairie.....              | tons  | 16,480.00 | 1.25              | 20,600   | 3.25   | 66,960.00            |



*Dairy Products.*—Cheese manufactured in 1870, 2,900 lbs; in 1875, 1,795 lbs.: decrease, 1,105 lbs. Butter manufactured in 1870, 45,199 lbs.; in 1875, 118,861 lbs.: increase, 68,162 lbs.

*Farm Animals.*—Number of horses in 1870, 870; in 1875, 1,941: increase, 1,071. Mules and asses, in 1870, 54; in 1875, 196: increase, 142. Cattle, in 1870, 3,638; in 1875, 10,103: increase, 6,465. Sheep, in 1870, 2,214; in 1875, 3,818: increase, 1,604. Swine, in 1870, 889; in 1875, 2,092: increase, 1,203.

*Dogs.*—Number of dogs in the county, 880; number of sheep killed by dogs, 86; value of sheep killed by dogs, \$200.88; number of sheep killed by wolves, 14; value of sheep killed by wolves, \$32.62.

*Horticulture.*—Acres of nurseries, 19.50; orchards, 1,875.25; vineyards, 9.31.

*Apiaculture.*—Number of stands of bees, 152; pounds of honey, 1,545; wax, 67.

*Fences.*—Stone, 3,328 rods; cost, \$7,904. Rail, 150,556 rods; cost, \$203,250.60. Board, 30,480 rods; cost, \$36,576. Wire, 18,400 rods; cost, \$13,800. Hedge, 41,157 rods; cost, \$20,578.50. Total rods of fence, 243,921; total cost, \$282,109.10.

*Water Powers.*—There is excellent water power on the Neosho, at Neosho Falls, and a good dam has been built.

*Manufactures.*—Neosho Falls township, water-power saw and flouring mill, capital \$8,000; water-power woolen mill, capital \$5,000; steam saw mill, capital \$1,000; wagon and plow manufactory, capital \$300; furniture manufactory (water power), capital \$200. Toronto township, grist and saw mill, furniture factory. Centre township, grist and saw mill. Owl Creek township, steam saw mill.

*Banks.*—There are no banking houses in the county at present.

*Business Houses of Principal Towns.*—Agricultural implements and wagons, 2; boots and shoes, 1; confectionery, 1; drugs, oils and paint, 2; furniture and upholstery, 2; hardware, 2; jewelry, clocks, watches, etc., 1; lumber, 1; millinery, 2; general country stores, 12; saddles and harness, 1.

*Newspapers.*—There is one weekly paper, the *Woodson County Post*, published at Neosho Falls.

*Schools, etc.*—Organized school districts, 53; school houses, 54; value of school buildings and grounds, furniture and apparatus, \$36,905.

*Churches.*—Presbyterian: Organizations 1, membership 75, church edifices 1, valuation \$2,400. Congregational: Organizations 2, membership 70. Baptist: Organizations 3, membership 110. United Presbyterian: Organizations 3, membership 40. Methodist: Organizations 6, membership 200, church edifices 1, valuation \$3,000. Catholic: Organizations 1, membership 100. Universalist: Organizations 1, membership 11.

*Libraries.*—Four townships report five public and 61 private libraries, containing 4,695 volumes.

*Lands.*—The unsold lands are shown on the accompanying map of the county.

*Miscellaneous.*—Produce of gardens marketed, \$646; poultry and eggs sold during the year, \$1,365; pounds of wool produced, 18,405.

Vacant lands range from \$2 to \$5 per acre

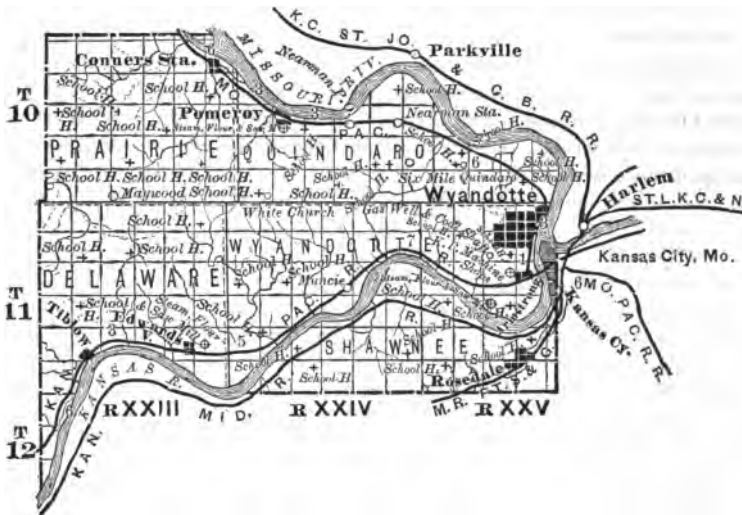
## WYANDOTTE COUNTY.

Organized in 1859. Received its name from the Wyandotte tribe of Indians, whose reservation embraced most of the Territory out of which the county was formed. Square miles, 153. Population to square mile, 80.80. Population in 1860, 2,609; in 1870, 10,015: increase in ten years, 7,406; population in 1875, 12,362: increase in five years, 2,347: increase in fifteen years, 9,753.

## POPULATION OF 1875, BY TOWNSHIPS AND CITIES.

| TOWNSHIPS AND CITIES. | POP.  | TOWNSHIPS AND CITIES.  | POP.  | TOWNSHIPS AND CITIES. | POP.  |
|-----------------------|-------|------------------------|-------|-----------------------|-------|
| Delaware.....         | 847   | Prairie.....           | 1,120 | Quindaro.....         | 1,970 |
| Shawnee.....          | 2,350 | City of Wyandotte..... | 4,093 | Wyandotte.....        | 1,982 |

MAP OF WYANDOTTE COUNTY, KANSAS, 1875.



*Nativity.*—Born in the United States, 10,668; in Germany, 600; in Ireland, 513; in England and Wales, 148; in Scotland, 42; in Sweden, Norway and Denmark, 155; in France, 36; in North of Europe, 32; in South of Europe, 56; in British America, 105, in countries not specified, 7.

*Sex.*—Males, 6,398; females, 5,964.

## WHERE FROM TO KANSAS.

|                    |     |                     |       |                                            |     |
|--------------------|-----|---------------------|-------|--------------------------------------------|-----|
| Alabama.....       | 22  | Michigan.....       | 130   | Texas.....                                 | 67  |
| Arkansas.....      | 37  | Minnesota.....      | 53    | Vermont.....                               | 13  |
| California.....    | 21  | Mississippi.....    | 25    | Virginia.....                              | 76  |
| Colorado.....      | 21  | Missouri.....       | 4,336 | Wisconsin.....                             | 154 |
| Connecticut.....   | 22  | Nebraska.....       | 39    | Dist. of Columbia and the Territories..... | 34  |
| Delaware.....      | 2   | Nevada.....         | 7     | Germany.....                               | 118 |
| Florida.....       | 13  | New Hampshire.....  | 15    | Ireland.....                               | 91  |
| Georgia.....       | 7   | New Jersey.....     | 36    | England and Wales.....                     | 45  |
| Illinois.....      | 733 | New York.....       | 224   | Scotland.....                              | 8   |
| Indiana.....       | 339 | North Carolina..... | 48    | Sweden, Norway and Denmark.....            | 79  |
| Iowa.....          | 404 | Ohio.....           | 680   | France.....                                | 3   |
| Kentucky.....      | 237 | Oregon.....         | 6     | Other North of Europe.....                 | 19  |
| Louisiana.....     | 35  | Pennsylvania.....   | 335   | Other South of Europe.....                 | 29  |
| Maine.....         | 4   | Rhode Island.....   | 1     | British America.....                       | 55  |
| Maryland.....      | 37  | South Carolina..... | 5     |                                            |     |
| Massachusetts..... | 44  | Tennessee.....      | 291   |                                            |     |

Born in Kansas, 3,308; not otherwise stated, 54.

*Occupation.*—There are 1,603, or 51.6 per cent., engaged in Agriculture; 696, or 22 per cent., in Professional and Personal service; 303, or 9.7 per cent., in Trade and Transportation; 503, or 16.2 per cent., in Manufactures and Mining.

*County Seat.*—Wyandotte, the county seat, is 57 miles in an air line from Topeka, in an easterly direction.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 25 per cent.; prairie, 75 per cent. Average width of bottoms, one to two miles; general surface of the country, undulating and bluffy.

*Timber.*—Timber abounds to a greater or less extent throughout the county; the entire county was formerly heavily timbered, except the extreme northern limit. Varieties: cottonwood, walnut, oak, hickory, sycamore, pecan, hackberry, etc.

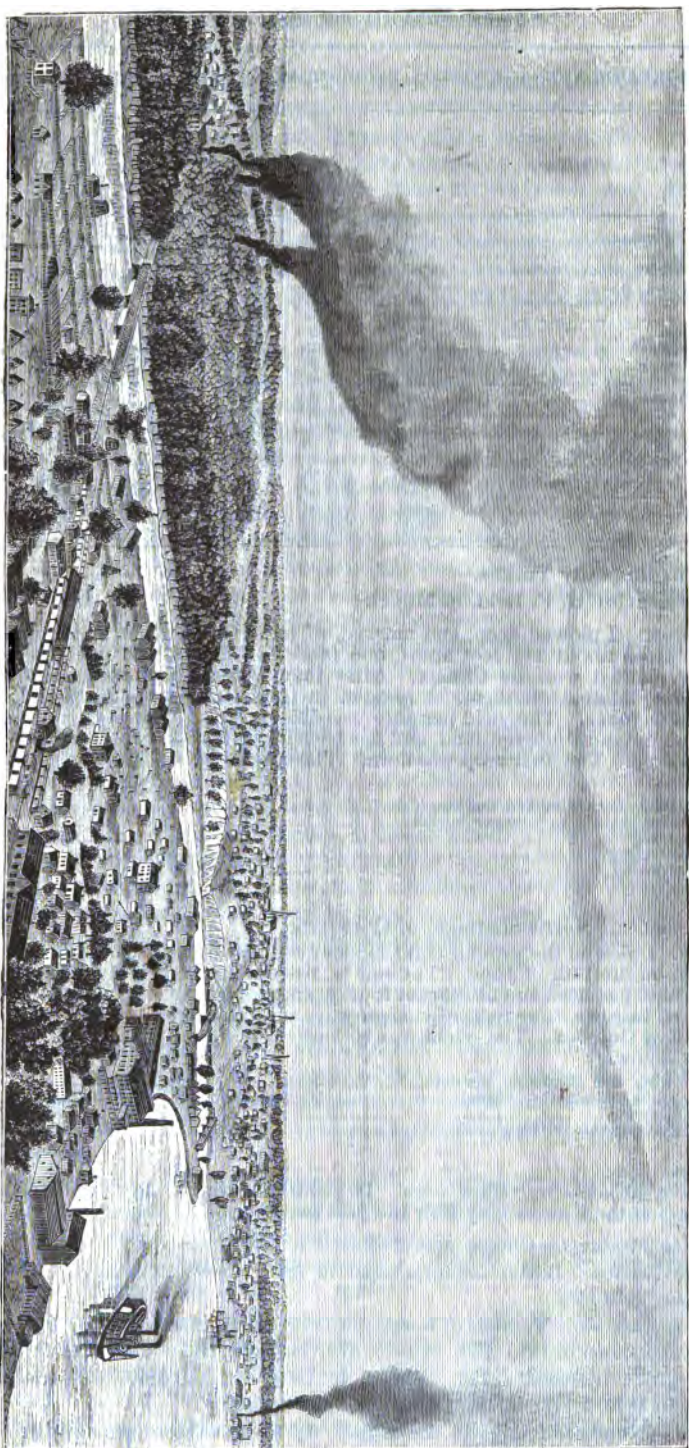
*Principal Streams.*—The Missouri and Kansas rivers, flowing in a general south-east direction; each has numerous tributaries well distributed through the county. The county abounds in splendid springs; good well water obtained at a depth of from 20 to 50 feet.

*Coal.*—For the object of testing the practicability of reaching coal at Wyandotte, boring has been for several months in progress, under the direction of a company organized for that purpose. The diameter of the bore is 4½ inches. At the depth of 250 feet gas was struck. Boring has been continued, and a constant issue of gas has escaped since it was reached, in May last. It is estimated that 10,000 cubic feet of gas escape hourly, affording 240,000 feet every 24 hours; a sufficient quantity, it is estimated, to light a city of double the population of both Wyandotte and Kansas City. The boring has reached salt water, and the escaping gas forces up a constant stream of this water to the height of from 12 to 15 feet. The gas roars like the escape of steam from an engine, and when ignited, as it has been at night, a continual column of flame, of several feet in diameter, is seen shooting into the air to the height of 30 to 40 feet. This gas has been, as yet, utilized only in an experimental way. A two-inch pipe conducts a sufficient quantity of it to the house of a Mr. Wilderman, to supply all needed light and fuel. The engine which is used in continuing the boring for coal is constantly run by the use of this gas as its only fuel. The gas burns with a strong, clear, white flame, and is free from sulphurous smell. The salt water yields 4½ ounces of salt per gallon of water; the salt being free from impurities. At the depth of 500 feet coal had not yet been reached.

*Building Stone, etc.*—Fine quarries of white magnesian limestone extend for five miles along the Kansas river—it is similar to the Cottonwood Falls stone; also, an excellent quality of blue limestone for building purposes. The abutments and piers of the Kansas Pacific Railway bridges built the present season near Wyandotte are built of this stone.

*Railroad Connections.*—The Kansas Pacific Railway runs through the county, following the north bank of the Kansas river; principal stations, Wyandotte, Armstrong and Edwardsville. The Missouri River Railroad (an extension of the Missouri Pacific Railroad,) follows the south bank of the Missouri river to Leavenworth and Atchison; principal stations, Wyandotte, Quindaro, Pomeroy, Barker's Tank, and Connor.

*Agricultural Statistics.*—Acres in the county, 97,920; taxable acres, 90,500; under cultivation, 43,424.58; cultivated to taxable acres, 47.97 per cent.: increase of cultivated acres during the year, 13,964.58.



ARRESTING.

KANSAS CITY, KANSAS.

WYANDOTTE.

VIEW OF WYANDOTTE AND VICINITY.

## ACREAGE, AVERAGE YIELDS, PRODUCT AND VALUE OF PRINCIPAL CROPS.

| CROPS.                        | ACREAGE.  | AVERAGE YIELD. | PRODUCT.  | PRICE. | VALUE OF PRODUCT. |
|-------------------------------|-----------|----------------|-----------|--------|-------------------|
| Winter Wheat.....bu.          | 700.00    | 22.00          | 15,400    | \$1.10 | \$ 16,940.00      |
| Rye.....bu.                   | 72.00     | 20.00          | 1,440     | .63    | 907.20            |
| Spring Wheat.....bu.          |           |                |           |        |                   |
| Corn.....bu.                  | 25,078.00 | 48.00          | 1,103,432 | .25    | 275,858.00        |
| Barley.....bu.                |           |                |           |        |                   |
| Oats.....bu.                  | 145.00    | 40.00          | 5,800     | .35    | 2,030.00          |
| Buckwheat.....bu.             | 911.50    | 22.00          | 20,053    | 1.10   | 22,058.30         |
| Potatoes, Irish.....bu.       | 1,349.00  | 140.00         | 174,860   | .40    | 69,944.00         |
| Sweet Potatoes.....bu.        | 88.58     | 175.00         | 15,501    | 1.20   | 18,601.20         |
| Sorghum.....gall.             | 114.00    | 105.00         | 11,970    | .59    | 7,062.30          |
| Castor Beans.....bu.          | 2.50      | 16.00          | 40        | 1.15   | 46.00             |
| Cotton.....lbs.               | 25.00     | 50.00          | 12        | .08    | .96               |
| Hemp.....bu.                  | 12.00     | 1,000.00       | 12,000    | .68    | 8,160.00          |
| Tobacco.....lbs.              | 9.75      | 800.00         | 7,800     | .09    | 702.00            |
| Broom Corn.....lbs.           | 85.00     | 850.00         | 72,950    | .07    | 5,057.50          |
| Millet and Hungarian.....tons | 952.00    | 2.37           | 2,256     | 6.25   | 14,100.00         |
| Timothy.....tons              | 290.00    | 1.50           | 435       | 11.25  | 4,893.75          |
| Clover.....tons               | 275.00    | 2.50           | 687       | 11.50  | 7,900.50          |
| Prairie.....tons              | 1,051.00  | 1.50           | 1,576     | 6.00   | 9,456.00          |

## EXTRAORDINARY YIELDS.—

Statement of H. F. Reid, of Muncie:

*Potatoes:* I plowed deep, and marked off in rows three feet apart, and dropped the potatoes about  $1\frac{1}{2}$  feet apart, one piece in a place, and covered deep. The variety planted was the Climax. After they were up I plowed them twice and hoed, but did not hill them. I planted in the latter part of April and harvested early in October. The yield per acre was 325 bushels. The soil is a black sandy loam, on upland timbered land, and has been in cultivation two years, this being the second crop. The first crop was corn. The cost of producing was as follows, per acre:

|                                            |                |
|--------------------------------------------|----------------|
| Plowing, harrowing and marking.....        | \$3.00         |
| Seed, 8 bushels, at \$1.50 per bushel..... | 12.00          |
| Planting.....                              | 2.00           |
| Cultivating.....                           | 4.00           |
| Harvesting.....                            | 9.75           |
|                                            | <b>\$30.75</b> |

Statement of Morris Sherman, of Quindaro:

*Corn:* I plowed the ground eight inches deep and planted corn, the "Big Evans" variety, on the 17th of June. The soil is Missouri river bottom, sandy loam, timbered, and has been in cultivation four years, producing that many crops of corn. I planted in rows, four feet apart each way, and plowed three times, and harvested the 20th of October. The yield was 90 bushels per acre. The cost of producing was as follows:

|                                      |               |
|--------------------------------------|---------------|
| Plowing and harrowing, per acre..... | \$2.50        |
| Seed, 20 cts., planting, 25 cts..... | .45           |
| Cultivating.....                     | 1.25          |
| Harvesting and cribbing.....         | 3.00          |
|                                      | <b>\$7.20</b> |

I have 40 acres in yellow corn. It yields the best of any, and has taken the premium at the Kansas City Fair the past two years.

*Dairy Products.*—Cheese manufactured in 1870, 828 lbs.; in 1875, 50 lbs.: decrease, 778 lbs. Butter manufactured in 1870, 40,865 lbs.; in 1875, 94,408 lbs.: increase, 53,543 lbs.

*Farm Animals.*—Number of horses, in 1870, 1,022; in 1875, 2,556: increase, 1,534. Mules and asses, in 1870, 233; in 1875, 479: increase, 246. Cattle, in 1870, 2,534; in 1875, 6,267: increase, 3,733. Sheep, in 1870, 492; in 1875, 473: decrease, 19. Swine, in 1870, 5,172; in 1875, 6,662: increase, 1,490.

*Dogs.*—Number of dogs in the county, 1,578; number of sheep killed by dogs,

116; value of sheep killed by dogs, \$270.28. Number of sheep killed by wolves, 16; value of sheep killed by wolves, \$37.28.

*Horticulture*.—Acres of nurseries, 46; orchards, 2,249; vineyards, 150.

*Apiaculture*.—Number of stands of bees, 178; pounds of honey, 1,168; wax, 245.

*Fences*.—Stone, 813 rods; cost, \$2,235.75. Rail, 284,583 rods; cost, \$284,583. Board, 31,480 rods; cost, \$40,924. Wire, 31,700 rods; cost, \$27,579. Hedge, 24,098 rods; cost, \$15,663.70. Total rods of fence, 372,674; total cost, \$370,985.45.

*Herd Law*.—Herd law not in force. A letter says: "It would save an immense amount of fencing. Even in this timbered country we cannot afford to maintain fences."

*Manufactures*.—Shawnee township, steam packing house, capital \$120,000; steam packing house, capital \$30,000; steam saw mill, capital \$500; steam grease factory, capital \$500; two steam packing houses, capital not given. Quindaro township, steam flouring mill, capital \$5,000. Prairie township, steam saw mill, capital \$300; rope factory. At Armstrong, machine shops of the Kansas Pacific Railway, and supply depot for the motive power department; near Armstrong, steam flouring mill, capital \$5,000. Edwardsville, steam flouring and saw mill, capital \$5,000. Pomeroy, steam flouring mill, capital \$15,000. Wyandotte city, two steam flouring mills, capital \$23,000; wagon and carriage manufactory, capital \$3,000; steam flour mill, capital not given; tin, copper and sheet-iron works; two cigar manufactories; and repair shops of the Kansas Pacific Railway Company.

*Banks*.—First National Bank of Wyandotte, capital \$50,000; banking houses of Northrup & Son, and of William Cook, both at Wyandotte.

*Business Houses of Principal Town*.—City of Wyandotte: Agricultural implements and wagons, 4; books, periodicals and stationery, 2; boots and shoes, 6; clothing and tailoring, 5; confectionery, 2; dry goods, 3; drugs, oils and paints, 6; furniture and upholstery, 2; groceries, 18; gunsmiths, 1; hardware, 3; hats and caps, 2; jewelry, clocks, watches, etc., 2; lumber, 2; millinery, 2; saddles and harness, 2; cooper shop, 1; broom factory, 1; flouring mills, 2; bakeries 2; tinware and hardware, 2; all other mercantile pursuits not herein mentioned, 22.

*Newspapers*.—The *Gazette* and *Herald*, both weekly, published at Wyandotte.

*Schools, etc.*.—Organized school districts, 39; school houses 42; value of school buildings and grounds, furniture and apparatus, \$89,513. A parochial (Catholic) school at Wyandotte.

*Churches*.—Presbyterian: Organizations 1, membership 9. Congregational: Organizations 4, membership 132, church edifices 1, valuation, \$3,000. Baptist: Organizations 5, membership 189, church edifices 1, valuation \$1,500. Methodist: Organizations 6, membership 185, church edifices 1, parsonages 2, valuation of buildings \$3,000. Episcopal: Organizations 1, membership 39, church edifices 1, valuation \$5,000. Catholic: Organizations 4, membership 1,000, church edifices 2, valuation \$10,000.

*Libraries*.—One public library, containing 800 volumes, and 174 private libraries, aggregating 20,245 volumes, are reported in three townships.

*Lands*.—There are no unsold lands in this county.

*Miscellaneous*.—Produce of gardens marketed, \$20,109; poultry and eggs sold during the year; \$6,087; pounds of wool produced, 831.

*Wages*.—Farm laborers, per month, with board, \$10 to \$16; laborers in cities or on public improvements, per day, \$1 to \$1.50; carpenters, per day, \$1.50 to \$2.50; bricklayers and stonemasons, per day, \$2.50 to \$3.50; house painters, per day, \$1.50 to \$2.50; wagon makers, per day, \$1.25 to \$2.50; blacksmiths, per day, \$1.25 to \$3; shoemakers, per day, \$1.50 to \$3; harness makers, per day, \$1 to \$2.75; tailors,

per day, \$1 to \$2.25; printers, per day, \$1.50 to \$2; per 1,000 ems, 40 cents; clerks, per month, \$20 to \$75; tanners, per day, \$1 to \$3.

The price of vacant lands range from \$5 to \$12 per acre.

No returns from the counties of Comanche, Harper, Kingman, Ness, Pratt, Rooks and Wallace.

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## UNORGANIZED COUNTIES.

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### GRAHAM COUNTY.

Population, June 1, 1875, 96.

First ground broken, May, 1872.

*Post Offices.*—Graham and Houston.

*Face of the Country.*—Bottom land, 20 per cent.; upland, 80 per cent.; forest, 2 per cent. Average width of bottoms, two miles; general surface, undulating, with rocky bluffs on south banks of streams.

*Timber.*—Average width of timber belts, one and one-tenth miles. Varieties: white ash, elm, cottonwood, box elder, black walnut and hackberry.

*Principal Streams.*—The south fork of the Solomon river flows nearly through the centre of the county. Bow creek flows through the north tier of townships, leaving the county at the northeast corner. The south fork of the Solomon has many tributaries, with an abundance of excellent water, and some timber. Bow creek is heavily timbered for the last twelve miles of its course through the county.

*Coal.*—None has been discovered.

*Building Stone.*—Good limestone for building purposes exists, and on Coon creek are found beds of magnesian limestone.

*Railroads.*—None constructed, as yet, in the county.

*Stock.*—Number of horses, in 1875, 27; mules, 10; work oxen, 11 yoke; milch cows, 40; other cattle, 892.

*Schools.*—One day school, and one Sabbath school.

*Lands.*—School land unsold; only one deeded claim in the county.

*Crops of 1875.*—Rye, 10 acres; winter wheat, 8; spring wheat, 120; barley, 40; oats, 40; corn, 200; potatoes, 10; sorghum, 20; flax, 5; total, 458 acres. Stock raising is the principal business. New breaking, 200 acres; about one-half in corn.

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### HAMILTON COUNTY.

Statement of W. B. Shaw, Syracuse, Hamilton county:

First settlement in March, 1873, of thirty families. Additions were made until July, 1874, when there were fifty-nine or sixty families. On account of the drouth and grasshoppers all left, except about twenty families, who now remain, at this date, March 13, 1875.

*Principal Towns.*—Syracuse is located on the Atchison, Topeka & Santa Fe Railroad, about 14 miles east of State line, 12 miles east of Sargent, and one mile from Arkansas river. Contains 12 families. There are eight families residing within six miles of Syracuse. Sargent has only three families, some 60 or 70 families having moved on to Granada as the railroad was extended.



*Face of the Country.*—Bottom land from one-half to seven miles wide; average, two miles. The Arkansas river at this point runs in separate channels, by reason of numerous islands. Several ravines, containing bottom lands, running back from the river from five to fifteen miles. These ravines abound in springs, which are lost from time to time. Water-shed about fifteen miles north of Arkansas river, with general direction north and south. During spring rains, the ravines mentioned carry water from the summit to Arkansas river. Most of the country is rolling, forming a beautiful landscape.

*Timber.*—Timber skirts the Arkansas river, and is on the islands. About two hundred acres in the county; some very large trees; mostly cottonwood. There is one tree (cottonwood), about five miles northwest of Syracuse, on "Plum Bush" ravine, which is eight feet in diameter. This ravine takes its name from the abundance of plum bush about eight miles from Syracuse. Plum bush is also found along the Arkansas river. There is an abundance of wild plums and grapes.

*Principal Streams.*—Arkansas river flows from northwest to southeast, through the central portion of the county.

*Building Stone.*—Magnesia and blue limestone crop out along the ravines; fair quality, but not as good as is found in many other counties.

*Railroad Connections.*—The Atchison, Topeka & Santa Fe Railroad follows the course of the Arkansas river across the county. Stations: Aubrey, Syracuse and Sargent.

*Agriculture.*—200 acres under cultivation; experimental grounds (20 acres), and a few beside under fence.

## CENSUS AND OTHER STATISTICAL EXHIBITS.

*Compiled from Assessors' Returns and other Official Sources.*

Diagrams have been prepared illustrative of tables of statistics, which will be found in the following portion of this volume. The publication of the county maps in the Report of 1874, illustrative, so far as the appropriations of that year would admit (crude as they were), of the face of the country, showing bottom and upland, prairie and timber, our railroad system, location of mills and manufactories of various kinds, especially indicating the utilization of the many water powers of the State, etc., etc., met with such kindly reception that we have been induced to not only revise and elaborate the maps, but add diagrams to arrest the attention and vivify tabular recitals, which would otherwise probably remain unread and certainly undigested except by the curious.

No originality is claimed for this method. It is the principal of object lessons. Gen. Francis A. Walker, Superintendent of the ninth census (1870), has accompanied the census of that decade with maps and illustrations, from which many valuable suggestions have been derived. In this connection it is proper to state that this method has been adopted only to a limited extent, for the want of time and means.

## STATE DEBT AND SINKING FUND.

| YEAR.     | ANNUAL INCREASE. | TOTAL.     | YEAR.     | ANNUAL INCREASE. | TOTAL.      |
|-----------|------------------|------------|-----------|------------------|-------------|
| 1861..... | \$150,000        | \$ 150,000 | 1869..... | \$246,000        | \$1,336,775 |
| 1862..... |                  | 150,000    | 1870..... |                  | 1,336,775   |
| 1863..... | 115,600          | 265,600    | 1871..... |                  | 1,336,775   |
| 1864..... | 189,675          | 455,275    | 1872..... |                  | 1,336,775   |
| 1865..... |                  | 455,275    | 1873..... |                  | 1,336,775   |
| 1866..... | 170,000          | 625,275    | 1874..... | 5,000            | 1,341,775   |
| 1867..... | 215,500          | 840,775    | 1865..... | 36,500           | 1,378,275   |
| 1868..... | 250,000          | 1,090,775  |           |                  |             |

Average annual increase for fifteen years, \$91,885.

TABLE showing the receipts and investments of the Sinking Fund.

|            | ANNUAL COLLECTIONS FOR SINKING FUND. | TOTAL SINKING FUND. | INVESTMENT OF SINKING FUND.           |              |
|------------|--------------------------------------|---------------------|---------------------------------------|--------------|
| 1869.....  | \$ 29,715.31                         | \$ 29,715.31        | Funding Territorial Debt. 6 per cent. | \$24,400.00  |
| 1870.....  | 36,404.53                            | 66,119.89           | Current Expenses.....                 | 50,400.00    |
| 1871.....  | 49,074.84                            | 115,194.73          | Penitentiary Buildings.....           | 50,000.00    |
| 1872.....  | 25,483.53                            | 140,677.25          | Capitol Buildings.....                | 35,000.00    |
| 1873.....  | 31,502.62                            | 172,179.57          | Public Improvements.....              | 36,000.00    |
| 1874.....  | 33,633.83                            | 205,813.70          | Military Expenses.....                | 1,000.00     |
| 1875.....  | 34,614.14                            | 240,427.84          | Refunding Taxes.....                  | 335.00       |
|            |                                      |                     | Agricult'nal College Bonds 10 " "     | 5,500.00     |
|            |                                      |                     | U. S. Bonds.....                      | 29,000.00    |
|            |                                      |                     | Cash on hand.....                     | 1,294.85     |
|            |                                      |                     | Premium on Bonds.....                 | 5,517.99     |
| Total..... | \$240,427.84                         |                     |                                       | \$240,427.84 |

| Diagram showing the annual State Appropriations from 1861 to 1875 inclusive.                                                                  |              |           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|--|
| YEAR                                                                                                                                          |              | TOTAL     |  |
| 1861                                                                                                                                          | \$84,821.99  | \$150,000 |  |
| 1862                                                                                                                                          | \$100,043.16 | \$150,000 |  |
| 1863                                                                                                                                          | \$96,863.24  |           |  |
| 1864                                                                                                                                          | \$140,552.46 |           |  |
| 1865                                                                                                                                          | \$187,105.59 |           |  |
| 1866                                                                                                                                          | \$236,465.16 |           |  |
| 1867                                                                                                                                          | \$419,298.73 |           |  |
| 1868                                                                                                                                          | \$457,183.99 |           |  |
| 1869                                                                                                                                          | \$471,370.99 |           |  |
| 1870                                                                                                                                          | \$275,095.92 |           |  |
| 1871                                                                                                                                          | \$298,306.86 |           |  |
| 1872                                                                                                                                          | \$644,222.80 |           |  |
| 1873                                                                                                                                          | \$441,912.94 |           |  |
| 1874                                                                                                                                          | \$493,003.70 |           |  |
| 1875                                                                                                                                          | \$514,451.15 |           |  |
| Diagram showing the State Debt from 1861 to 1875 inclusive; also the Sinking Fund.                                                            |              |           |  |
| TOTAL                                                                                                                                         |              |           |  |
| Increase \$115,000 \$95,800                                                                                                                   |              |           |  |
| Inc. \$189,578 \$455,275                                                                                                                      |              |           |  |
| TOTAL                                                                                                                                         |              |           |  |
| Inc. \$170,000 \$895,275                                                                                                                      |              |           |  |
| TOTAL                                                                                                                                         |              |           |  |
| Inc. \$215,500 \$840,775                                                                                                                      |              |           |  |
| TOTAL                                                                                                                                         |              |           |  |
| Inc. \$250,000 \$1,000,775                                                                                                                    |              |           |  |
| TOTAL                                                                                                                                         |              |           |  |
| Inc. \$246,000 \$1,336,775                                                                                                                    |              |           |  |
| TOTAL                                                                                                                                         |              |           |  |
| Inc. \$5,000 \$1,341,775                                                                                                                      |              |           |  |
| Inc. \$30,500 \$1,378,275                                                                                                                     |              |           |  |
| Diagram showing the aggregate Appropriations to the several Departments and State Institutions of Kansas since the Organization of the State. |              |           |  |
| Governor's Department                                                                                                                         |              |           |  |
| Secretary's                                                                                                                                   | \$57,696.63  |           |  |
| Auditor's                                                                                                                                     | \$138,016.21 |           |  |
| Treasurer's                                                                                                                                   | \$67,208.89  |           |  |
| Supt. of Instruction                                                                                                                          | \$59,468.80  |           |  |
| Judiciary                                                                                                                                     | \$38,384.26  |           |  |
| Legislative                                                                                                                                   | \$430,340.19 |           |  |
| Printing                                                                                                                                      | \$485,093.90 |           |  |
| Board of Agriculture                                                                                                                          | \$507,756.38 |           |  |
| Miscellaneous                                                                                                                                 | \$29,640.78  |           |  |
|                                                                                                                                               | \$413,484.51 |           |  |
| Capitol Buildings and Grounds                                                                                                                 |              |           |  |
| Penitentiary                                                                                                                                  | \$507,459.87 |           |  |
| Deaf and Dumb Asylum                                                                                                                          | \$151,068.76 |           |  |
| Agricultural College                                                                                                                          | \$129,643.39 |           |  |
| Normal Schools                                                                                                                                | \$205,999.94 |           |  |
| University                                                                                                                                    | \$202,978.64 |           |  |
| Insane Asylum                                                                                                                                 | \$338,736.10 |           |  |
| Blind Asylum                                                                                                                                  | \$40,946.31  |           |  |
|                                                                                                                                               | \$306,940.23 |           |  |

SCALE, \$300,000 TO 1 INCH.

HAND, MEYER &amp; COMPANY, CHICAGO.

## STATE EXPENDITURES AND DEBT.

No subject addresses itself more directly to the interest of the citizen than that of public expenditures, inasmuch as he is compelled to foot the bills. It is equally true that no fact is of more vital, material concern to the immigrant, than the measure of public debt and the rate of public expenditure, which is to be assumed by him as a taxpayer in his new home. They are, likewise, subjects demanding thorough knowledge, careful scrutiny and exhaustless vigilance at the hands of every one affected by them — and who is not so affected?

We have prepared, and present in this connection, a tabulated statement showing the expenditures of the State, on account of its several departments and public institutions, from its organization to the current year, together with totals for each year.

The showing is at once so clear and so exhaustive as to convey, without words of explanation, a clear understanding and correct appreciation of the relative cost and value of the several objects and purposes for which appropriations are made.

Carefully prepared diagrams, herewith, bring the whole subject, including the growth and present extent of the State debt, and the progress of its retirement by provision of the annual sinking fund, before the mind at once. This debt has reached its maximum limit under the Constitution. The small sum, with its Constitutional limitation, is a source of just congratulation to the resident, and a tempting argument to the home-seeker.

The long lines representing cost of criminals and charitable institutions, compared with those for education, are not satisfactory, the aggregate of the former being nearly three times that of the latter. In other words, the State has paid \$1,487,784.40 for care of criminals, insane, deaf and dumb, and blind, and but \$538,851.40 for all State educational institutions. (See Diagrams, pp. 439, 442.)

The taxpayer will not find in this showing that the bondage of taxes from which he desires emancipation is due to the State. He will have to turn his attention to local causes for which he is more immediately responsible, inasmuch as a total abolition of State taxation would hardly make a perceptible reduction in the rate of taxation in many counties and cities.

TABLE showing the annual cost of the several departments of the State Government and Public Institutions, from 1861 to 1875, inclusive; also the aggregate cost of the same. Compiled from the Official Reports and books of the Auditor and Treasurer of State.

| FOR THE YEAR | GOVERNOR.   | SECRETARY OF STATE. | AUDITOR.    | TREASURER.  | SUP'T OF PUBLIC INSTRUCTION. | JUDICIARY.   |
|--------------|-------------|---------------------|-------------|-------------|------------------------------|--------------|
| 1861.....    | \$4,150.00  | \$ 2,525.00         | \$ 2,510.00 | \$ 1,420.00 | \$ 1,700.00                  | \$14,166.31  |
| 1862.....    | 3,437.92    | 3,428.21            | 2,892.07    | 1,653.50    | 1,512.64                     | 16,332.19    |
| 1863.....    | 4,230.00    | 5,024.84            | 3,340.83    | 2,116.00    | 1,648.30                     | 16,364.16    |
| 1864.....    | 5,549.72    | 4,906.82            | 3,032.90    | 1,981.47    | 1,685.00                     | 14,232.41    |
| 1865.....    | 6,325.00    | 5,421.45            | 2,960.54    | 2,767.00    | 1,866.85                     | 16,723.43    |
| 1866.....    | 5,803.06    | 5,825.68            | 3,932.00    | 2,980.88    | 1,751.86                     | 15,604.53    |
| 1867.....    | 8,191.23    | 7,434.70            | 3,927.17    | 2,831.05    | 2,030.58                     | 24,894.51    |
| 1868.....    | 5,518.73    | 6,631.07            | 3,321.45    | 5,050.07    | 2,100.00                     | 21,600.00    |
| 1869.....    | 5,483.50    | 8,440.54            | 4,010.10    | 3,017.93    | 1,951.06                     | 30,555.66    |
| 1870.....    | 5,009.80    | 10,549.70           | 4,312.50    | 3,050.00    | 2,669.34                     | 35,152.26    |
| 1871.....    | 5,222.67    | 12,359.15           | 4,216.00    | 4,550.00    | 3,050.50                     | 33,118.55    |
| 1872.....    | 5,000.00    | 17,075.96           | 8,033.92    | 8,495.00    | 2,876.38                     | 40,672.76    |
| 1873.....    | 8,075.00    | 18,130.59           | 5,369.50    | 6,551.00    | 4,211.95                     | 49,147.43    |
| 1874.....    | 7,500.00    | 15,315.00           | 5,250.00    | 4,850.00    | 5,125.00                     | 51,200.00    |
| 1875.....    | 8,200.00    | 14,750.00           | 5,100.00    | 8,655.00    | 4,175.00                     | 50,560.00    |
|              | \$87,696.63 | \$138,016.21        | \$62,208.98 | \$59,468.90 | \$38,884.86                  | \$430,340.19 |

TABLE showing the annual cost of the several departments of State Government, etc.—Continued.

| FOR THE YEAR | LEGISLATIVE. | PRINTING.    | CAPITOL<br>GROUNDS. | PENITEN-<br>TIARY. | DEAF AND<br>DUMB, | AGRICULT'AL<br>COLLEGE. |
|--------------|--------------|--------------|---------------------|--------------------|-------------------|-------------------------|
| 1861.....    | \$26,291.53  | \$18,664.30  |                     |                    |                   |                         |
| 1862.....    | 27,961.71    | 25,288.25    |                     |                    |                   |                         |
| 1863.....    | 26,918.23    | 9,132.89     | \$ 1,000.00         |                    |                   |                         |
| 1864.....    | 23,023.38    | 21,314.64    | 851.35              | \$ 31,693.06       | \$ 2,115.14       | \$ 3,778.28             |
| 1865.....    | 23,287.95    | 24,979.74    | 42,492.15           | 21,506.22          | 2,041.11          | 3,316.50                |
| 1866.....    | 25,304.05    | 17,405.11    | 41,540.88           | 68,926.66          | 6,200.00          | 5,673.00                |
| 1867.....    | 28,473.50    | 13,891.02    | 91,487.61           | 155,946.49         | 9,980.90          | 12,138.90               |
| 1868.....    | 31,068.00    | 35,251.10    | 141,333.39          | 116,906.73         | 10,300.00         | 8,275.00                |
| 1869.....    | 26,102.91    | 54,012.25    | 117,005.01          | 106,644.83         | 12,815.28         | 9,394.22                |
| 1870.....    | 34,667.02    | 35,605.50    | 23,598.52           | 35,999.32          | 13,193.38         | 4,350.71                |
| 1871.....    | 38,562.54    | 41,692.01    | 3,198.49            | 35,072.00          | 14,800.00         | 2,700.00                |
| 1872.....    | 42,518.53    | 57,362.53    | 30,486.67           | 104,040.09         | 14,200.00         | 15,032.28               |
| 1873.....    | 50,172.24    | 54,089.18    | 9,945.80            | 71,200.00          | 35,078.17         | 25,225.96               |
| 1874.....    | 45,992.61    | 51,787.96    |                     | 74,461.06          | 16,550.00         | 28,063.23               |
| 1875.....    | 37,949.00    | 41,359.90    |                     | 84,543.78          | 13,864.88         | 13,675.24               |
|              | \$488,093.20 | \$501,756.38 | \$507,939.87        | \$906,940.23       | \$151,088.76      | \$129,643.32            |

TABLE showing the annual cost of the several departments of State Government, etc.—Concluded.

| FOR THE YEAR | NORMAL<br>SCHOOLS. | UNIVERSITY.  | INSANE<br>ASYLUM. | BLIND<br>ASYLUM. | BOARD OF<br>AGRICULT' RE. | MISCELLANE-<br>OUS. |
|--------------|--------------------|--------------|-------------------|------------------|---------------------------|---------------------|
| 1861.....    |                    |              |                   |                  |                           | \$13,374.85         |
| 1862.....    |                    |              |                   |                  |                           | 17,636.67           |
| 1863.....    |                    |              |                   |                  |                           | 17,093.99           |
| 1864.....    | \$ 1,013.00        |              |                   |                  |                           | 25,518.79           |
| 1865.....    | 2,000.00           |              |                   |                  |                           | 31,417.65           |
| 1866.....    | 13,000.00          | \$ 2,885.98  | \$ 3,500.00       |                  |                           | 16,231.48           |
| 1867.....    | 13,997.97          | 9,380.26     | 7,759.00          | \$ 10,034.00     |                           | 16,949.84           |
| 1868.....    | 5,186.00           | 6,966.00     | 30,952.13         | 14,222.11        |                           | 12,467.32           |
| 1869.....    | 9,930.63           | 11,998.60    | 28,707.37         | 10,092.80        |                           | 31,113.36           |
| 1870.....    | 10,398.67          | 14,570.33    | 13,067.00         | 8,900.00         |                           | 19,670.87           |
| 1871.....    | 14,802.65          | 16,915.00    | 53,931.00         | 7,633.43         |                           | 31,567.87           |
| 1872.....    | 69,090.19          | 68,290.00    | 22,718.00         | 10,088.96        |                           | 26,248.66           |
| 1873.....    | 22,964.68          | 24,531.53    | 25,575.00         | 11,586.01        |                           | 25,068.90           |
| 1874.....    | 19,292.96          | 29,244.81    | 41,555.60         | 9,422.00         | \$16,735.42               | 71,138.05           |
| 1875.....    | 24,552.50          | 18,301.33    | 110,976.00        | 8,990.00         | 12,905.36                 | 55,976.21           |
|              | \$206,229.24       | \$202,978.84 | \$338,736.10      | \$90,969.31      | \$29,640.78               | \$413,484.51        |

## RECAPITULATION.

| YEAR.     | TOTAL.      | YEAR.     | TOTAL.       | YEAR.            | TOTAL.         |
|-----------|-------------|-----------|--------------|------------------|----------------|
| 1861..... | \$84,321.99 | 1867..... | \$419,298.73 | 1873.....        | \$444,912.94   |
| 1862..... | 100,043.16  | 1768..... | 457,149.09   | 1874.....        | 493,003.70     |
| 1863..... | 86,869.24   | 1869..... | 471,370.99   | 1875.....        | 514,454.15     |
| 1864..... | 140,595.46  | 1870..... | 275,095.92   |                  |                |
| 1865..... | 167,105.59  | 1871..... | 328,306.86   | Grand Total..... | \$4,783,615.81 |
| 1866..... | 236,465.16  | 1872..... | 544,222.63   |                  |                |

(See diagram on page 299.)

Appropriations for premiums to the late S. A. S. before the transition to the S. B. of A. are included under the head of Miscellaneous.

## TAXATION — INDEBTEDNESS — VALUATION.

STATEMENT showing by Counties rate per cent. of Taxation, Indebtedness and Valuation of Taxable Property for 1875. Compiled from the Annual Report of Hon. D. W. Wilder, Auditor of State.

| COUNTIES.         | RATE PER CENT.<br>ON EACH \$100. | AMOUNT OF<br>WARRANTS<br>OUTSTANDING. | AMOUNT OF<br>COUNTY BOND-<br>ED INDEBTED-<br>NESS. | TOTAL INDEBT-<br>EDNESS OF THE<br>COUNTY. | TOTAL VALUA-<br>TION OF TAX-<br>ABLE PROP-<br>ERTY IN THE<br>COUNTY. |
|-------------------|----------------------------------|---------------------------------------|----------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------|
| Allen.....        | 3.50                             | \$ 524.13                             | \$162,000.00                                       | \$162,524.13                              | \$2,047,410.00                                                       |
| Anderson.....     | 3.63                             | 9,200.00                              | 200,000.00                                         | 209,200.00                                | 1,749,366.71                                                         |
| Atchison.....     | 4.61                             | 14,518.35                             | 369,200.00                                         | 383,718.35                                | 4,524,506.00                                                         |
| Bourbon.....      | 3.28                             | 1,636.15                              | 160,200.00                                         | 161,836.15                                | 3,787,722.00                                                         |
| Brown.....        | 2.87                             | -----                                 | 92,000.00                                          | 92,000.00                                 | 2,861,271.35                                                         |
| Butler.....       | 3.07                             | -----                                 | -----                                              | -----                                     | 1,993,490.00                                                         |
| Chase.....        | 2.35                             | 1,111.17                              | 40,000.00                                          | 41,111.17                                 | 1,451,418.89                                                         |
| Chautauqua.....   | 5.65                             | 8,599.66                              | -----                                              | -----                                     | 598,421.00                                                           |
| Crawford.....     | 3.86                             | -----                                 | -----                                              | -----                                     | 1,731,574.07                                                         |
| Clay.....         | 5.18                             | 4,233.60                              | 105,000.00                                         | 109,233.60                                | 924,718.90                                                           |
| Cloud.....        | 4.01                             | 2,344.82                              | 6,000.00                                           | 8,344.82                                  | 754,637.00                                                           |
| Coffey.....       | 3.63                             | 9,818.01                              | 55,000.00                                          | 64,818.01                                 | 2,087,910.00                                                         |
| Cowley.....       | 4.30                             | 6,189.00                              | 31,500.00                                          | 37,689.00                                 | 1,637,696.00                                                         |
| Davis.....        | 4.78                             | 8,605.85                              | 131,000.00                                         | 139,605.85                                | 1,335,840.76                                                         |
| Doniphan.....     | 3.91                             | 14,183.96                             | 407,900.00                                         | 422,083.96                                | 3,061,341.71                                                         |
| Douglas.....      | 2.91                             | -----                                 | 625,000.00                                         | 625,000.00                                | 6,004,551.85                                                         |
| Edwards.....      | 2.10                             | 2,299.63                              | 1,000.00                                           | 3,299.63                                  | 225,501.62                                                           |
| Ellis.....        | 2.90                             | 7,254.40                              | 15,998.00                                          | 23,252.40                                 | 462,621.41                                                           |
| Ellsworth.....    | 4.25                             | 13,297.61                             | 46,900.00                                          | 60,197.61                                 | 578,128.99                                                           |
| Franklin.....     | 2.97                             | 500.00                                | 253,000.00                                         | 253,500.00                                | 2,737,003.49                                                         |
| Ford.....         | 3.91                             | 4,003.00                              | 16,000.00                                          | 20,003.00                                 | 400,950.84                                                           |
| Greenwood.....    | 2.86                             | 3,000.00                              | 45,000.00                                          | 48,000.00                                 | 2,083,798.00                                                         |
| Harvey.....       | 4.10                             | 11,960.77                             | 2,500.00                                           | 14,460.77                                 | 1,013,398.28                                                         |
| Jackson.....      | 3.08                             | 2,000.00                              | 60,000.00                                          | 62,000.00                                 | 2,024,411.11                                                         |
| Jefferson.....    | 3.88                             | 14,950.34                             | 25,000.00                                          | 40,544.79                                 | 2,590,982.00                                                         |
| Johnson.....      | 2.92                             | -----                                 | 330,000.00                                         | 330,000.00                                | 3,210,903.67                                                         |
| Labette.....      | 4.60                             | 18,546.41                             | 40,820.00                                          | 59,366.41                                 | 2,499,362.00                                                         |
| Leavenworth.....  | 4.03                             | 34,205.01                             | 881,350.00                                         | *915,555.01                               | 7,697,085.48                                                         |
| Lincoln.....      | 7.40                             | 9,539.25                              | 24,000.00                                          | 33,539.25                                 | 211,541.00                                                           |
| Linn.....         | 2.99                             | 11,718.72                             | -----                                              | 11,718.72                                 | 2,350,604.00                                                         |
| Lyon.....         | 3.21                             | 6,511.03                              | 400,000.00                                         | 406,511.03                                | 3,709,804.00                                                         |
| Marion.....       | 3.92                             | 5,833.15                              | 113,000.00                                         | 118,833.15                                | 1,497,408.00                                                         |
| Marshall.....     | 3.80                             | 5,000.00                              | 100,000.00                                         | 105,000.00                                | 2,500,000.00                                                         |
| McPherson.....    | 3.00                             | 876.88                                | -----                                              | 876.88                                    | 757,229.56                                                           |
| Miami.....        | 2.87                             | -----                                 | -----                                              | 245,000.00                                | 3,467,695.00                                                         |
| Mitchell.....     | 5.48                             | 3,875.56                              | 12,000.00                                          | 15,875.56                                 | 535,803.33                                                           |
| Montgomery.....   | 5.43                             | 34,589.00                             | 97,479.35                                          | 132,068.35                                | 2,371,095.00                                                         |
| Morris.....       | 2.92                             | -----                                 | 100,000.00                                         | 100,000.00                                | 1,466,356.35                                                         |
| Nemaha.....       | 2.87                             | 15,795.38                             | -----                                              | 15,795.38                                 | 2,483,065.33                                                         |
| Neosho.....       | 4.45                             | 3,975.32                              | 20,175.00                                          | 24,150.32                                 | 2,217,824.00                                                         |
| Norton.....       | 4.80                             | 1,876.00                              | 5,000.00                                           | 6,876.00                                  | 32,668.75                                                            |
| Osage.....        | 5.27                             | -----                                 | 200,000.00                                         | 200,000.00                                | 2,023,472.00                                                         |
| Ottawa.....       | 4.90                             | 4,698.74                              | -----                                              | 4,698.74                                  | 567,514.00                                                           |
| Osborne.....      | 5.10                             | 5,162.44                              | 15,000.00                                          | 20,162.44                                 | 211,525.12                                                           |
| Pawnee.....       | 3.74                             | -----                                 | 10,250.00                                          | 10,250.00                                 | 577,176.59                                                           |
| Pottawatomie..... | 2.62                             | -----                                 | -----                                              | -----                                     | 2,664,296.82                                                         |
| Reno.....         | 5.40                             | 29,452.02                             | 135,000.00                                         | 164,452.02                                | 1,261,825.00                                                         |
| Republic.....     | 6.53                             | 18,591.47                             | 15,000.00                                          | 33,591.47                                 | 522,268.00                                                           |
| Riley.....        | 4.07                             | 4,944.10                              | 148,200.00                                         | 153,144.10                                | 1,581,210.00                                                         |
| Rooks.....        | 5.10                             | 1,947.73                              | 5,500.00                                           | 7,447.73                                  | 18,944.50                                                            |
| Rush.....         | 2.91                             | 929.69                                | -----                                              | 929.69                                    | 156,878.25                                                           |
| Saline.....       | 4.45                             | 6,978.04                              | 60,971.35                                          | 67,949.39                                 | 1,895,428.27                                                         |
| Sedgwick.....     | 5.27                             | 5,213.39                              | 153,000.00                                         | 158,213.39                                | 1,732,966.00                                                         |
| Shawnee.....      | 3.78                             | -----                                 | 298,000.00                                         | 298,000.00                                | 5,737,010.00                                                         |
| Smith.....        | 3.35                             | 6,052.26                              | 3,000.00                                           | 9,052.26                                  | 222,428.70                                                           |
| Sumner.....       | 4.10                             | 12,009.34                             | -----                                              | 12,009.34                                 | 1,016,622.00                                                         |
| Wabaunsee.....    | 2.48                             | -----                                 | -----                                              | -----                                     | 1,694,837.00                                                         |
| Washington.....   | 4.03                             | 2,883.77                              | 49,300.00                                          | 52,183.77                                 | 1,490,776.00                                                         |
| Wilson.....       | 4.57                             | 13,424.79                             | -----                                              | 13,424.79                                 | 1,335,977.00                                                         |
| Woodson.....      | 2.70                             | 1,493.74                              | -----                                              | -----                                     | 1,292,393.00                                                         |
| Wyandotte.....    | 5.34                             | 15,099.96                             | 178,000.00                                         | 193,099.96                                | 2,220,873.88                                                         |
| Total.....        | 3.78                             | \$416,453.64                          | \$6,245,243.70                                     | \$6,902,198.39                            | \$114,236,578.47                                                     |

\* In addition to the county indebtedness, the city has warrants outstanding amounting to \$13,975.90, and bonds outstanding amounting to \$513,555.90.

The proper officers of the counties mentioned below, have failed to comply with the law in reference to making returns to this office of the financial condition of their respective counties, viz.: Barton, Barbour, Cherokee, Dickinson, Elk, Jewell, Phillips, Rice and Russell.

## SCHOOLS AND CHURCHES.

## PUBLIC SCHOOLS.

No other subject has gathered to itself so much of parental solicitude, professional devotion and profligate liberality as that of our public schools. The best thoughts of our legislators have been given to it; the most cheerful duty of the citizens to pay for it. It can be truthfully said, that no burden carried in the interest of free schools has been borne grudgingly by the people of Kansas. To this end all obstacles have been fearlessly met and faithfully mastered.

In a sparsely settled territory, families living remote from each other, and much of the land non-taxable, the cost of buildings, furniture, apparatus and instruction has been severe indeed. Yet, in the face of all discouragements and disadvantages, we have all these appliances equal in every respect to the older States of the Union. Massachusetts may boast of her colleges, and Michigan of her university, but neither these nor any of the other sister States ever made the sacrifice or mastered the success of Kansas in the development and perfection of her common schools.

In many a rural community, where the richest still dwell in the rude cabin of the pioneer, the school house has cost more than all the dwellings to be seen from its site. In many towns of less than a thousand inhabitants, are school buildings, rivaling those in cities of twenty thousand population East, and supplied with furniture and apparatus which would do credit to Boston or Philadelphia. This is no vain boasting, but a statement of facts which will find ample support in the most rigid comparison of statistics. This is not food for our vanity, but sustenance for an exalted, patriotic pride, in which every citizen holds a full share, and an invincible determination that the past shall control the future until the gates of learning are swung back, and every child permitted to drink its fill at a fountain, not only free to it, but one that neither parent, guardian nor stranger shall be permitted to hold it from.

One table presented in this connection, gives the number and character of school buildings, together with the estimated value of buildings and grounds, furniture and apparatus. A comparison of this table with that of 1874, shows that the local misfortunes and the general stagnation so disastrous to enterprise in all its walks, has not served to discourage, nor hardly to check the educational zeal and progress of our State. In fact, if taken in connection with the cessation of immigration, which has formerly forced a large increase of schools, the progress of 1875 is more remarkable than that of any preceding year.

There has been constructed, 10 log, 146 frame, 10 brick, and 42 stone school houses,—a total of 211, against 399 the previous year, and a net increase of 171, making a grand total of 3,715 against 3,543 at the close of the year 1874.

The shrinkage of real estate values has brought the aggregate value of buildings and apparatus a little below the estimate of last year, notwithstanding the increase of buildings, and the addition of \$6,982 to furniture, and \$2,863 to apparatus.

In one table is a showing, by counties, of the number of districts, average salary, and amount paid teachers, acres of unsold school lands, and average price of school lands sold during the current year, viz: Organized districts, 4,560; average monthly salary of male teachers, \$32.74; female teachers, \$26.02; aggregate of salaries in the State, \$689,906.65. This very large sum is provided for by a one-mill State tax, yielding \$121,000; interest on invested school fund, \$91,000; interest on obligations for school lands sold, \$114,000, and the remainder by local taxation.



The showing of unsold school lands is neither authentic nor satisfactory. It is yet a question as to the quantity of land acquired through the common school endowment act of Congress. On many of the 16th and 36th sections of land set aside by that act, were prior claimants, who had settled thereon under the homestead and other public land laws. Some of them fell within Indian reservations. It has not, we believe, been determined how many acres were left to the school fund from the former incumbrances; nor has the right of the State to the school sections in Indian reservations been adjudicated. Our State and school authorities are doubtless looking to the rights and interest of the State in this regard, and, we hope, will at an early day reach an exact knowledge of the acreage of school lands owned by the State.

In connection with the school fund, we beg attention to the exhibit on school and church diagram. (See page 456.) The growth of the permanent school fund from 1866 to 1875 is shown in left upper corner. This fund is invested in six and seven per cent. Kansas State bonds, and in ten per cent. school district bonds. The proceeds of the sale of school lands are annually added to this fund, which now amounts to \$1,159,923.70, in par investments.

Opposite this showing, to the right, will be found the *estimated* amounts accumulated from year to year in the form of unpaid installments on school lands sold. We use the term "estimated" regretfully, for the want of any departmental data to show, either in detail or in the aggregate, what they amounted to in any one year or at the present time. One thing is quite certain, the amount of unpaid principal is not less than that estimated, and it is as much greater than that estimated, as the amounts in the several counties on which no interest is paid aggregate; or, in other words, this estimated principal only represents the interest actually paid in. There are, doubtless, many delinquents. The statute providing for the sale of these lands leaves it to county authorities, with no reviewing authority or record State in character. It provides that such local authorities shall not sell the land below a minimum limit fixed; that when sold on time, the unpaid installments shall bear interest at the rate of ten per cent. per annum. This interest, when collected, is paid over to the State, as is also the principal, to the credit of the school fund. We find that the interest thus paid in the several years named, at the statute rate of ten per cent., represents the principal set down for each year in the diagram.

Here, then, we have a school fund as tangible, and as absolutely an interest-bearing fund as that shown at its left, and amounting to \$1,142,895.30, or only \$17,528.40 less than the permanent school fund.

How it has happened that this invested fund, represented by the obligations of school land purchasers, and secured by a lien on real estate, has never found its place in the departmental reports of the State, we cannot explain. Our State Superintendents of Public Instruction have, from year to year, given us the permanent school fund as represented by State and school bonds only, and we have thrown up our hats and hurraed at its annual accumulation, in blissful ignorance of the fact that nearly one-half the story of our riches was untold.

Whether the lands reported by the State Superintendent as *unsold* at the end of each year, embrace the lands sold under interest-bearing contracts, from which this annual income, steadily increasing from \$3,453.19 in 1867, to \$114,239.53 the present year, we are unable to learn. This matter has not escaped the notice of our present Superintendent, and we hope, by another year, to show from authentic State records, just what the State has to show in money and in land, sold and unsold, belonging to this sacred fund.

The sources of the current annual State fund for the support of public schools, and the net results, annually, from 1867 to 1875, are shown in the left lower corner of the diagram, the amounts being given in even thousands of dollars. The centre color and figures of the column show the proceeds of the mill tax, varying according to the State valuation of taxable property. The color and figures on the left represent, in thousands, the dollars annually received as interest on permanent school fund. The color and figures on the right represent the interest collected on land sale contracts.

Disconnected from the purpose for which the diagram in question was drawn, it presents, in a most striking manner, the sure and rapid advancement of the State in material, educational, and moral growth.

TABLE showing the receipts and disbursements on account of the Permanent School Fund since the organization of the State Government.

|           | RECEIPTS.         |                              |                       |                | DISBURSEMENTS.                        |                                 |
|-----------|-------------------|------------------------------|-----------------------|----------------|---------------------------------------|---------------------------------|
|           | SALE<br>OF LANDS. | ESTATES<br>WITHOUT<br>HEIRS. | INSURANCE<br>LICENSE. | TOTAL.         | COUNTY SU-<br>PERINTEND'TS<br>ORDERS. | AMOUNT<br>INVESTED IN<br>BONDS. |
| 1865..... | \$ 50.00          | \$ 321.56                    |                       | \$ 371.56      |                                       |                                 |
| 1866..... | 28,155.27         |                              |                       | 28,155.27      | \$ 1,634.22                           | \$ 25,405.00                    |
| 1867..... | 62,918.70         | 373.55                       |                       | 63,292.25      | 3,560.37                              | 59,766.59                       |
| 1868..... | 85,562.80         | 40.00                        |                       | 85,602.80      | 4,204.59                              | 86,503.50                       |
| 1869..... | 99,140.31         | 297.22                       |                       | 99,437.53      | 4,375.67                              | 99,995.00                       |
| 1870..... | 152,315.89        | 464.25                       |                       | 152,780.14     | 6,810.40                              | 142,568.05                      |
| 1871..... | 152,489.38        |                              | \$8,150.00            | 160,639.38     | 7,220.33                              | 103,134.07                      |
| 1872..... | 193,724.01        | 340.67                       |                       | 194,064.68     | 9,737.34                              | 200,259.66                      |
| 1873..... | 204,004.89        |                              |                       | 204,004.89     | 9,334.85                              | 229,061.06                      |
| 1874..... | 125,365.89        | 910.87                       |                       | 126,276.76     | 12,748.31                             | 66,558.18                       |
| 1875..... | 67,333.37         | 893.87                       |                       | 68,227.24      | 4,437.87                              | 46,139.37                       |
|           | \$1,171,060.51    | \$3,641.99                   | \$8,150.00            | \$1,182,852.50 | \$64,053.85                           | \$1,059,315.90                  |

Amount invested in bonds.....\$1,059,315.90  
 County Superintendent's orders.....64,053.85  
 Cash and vouchers on hand.....59,482.75

Total.....\$1,182,852.50

Amount invested in school fund.....\$1,059,315.90  
 Discount on bonds.....100,607.80

Par value of investments.....\$1,159,923.70

TABLE showing the investments of the Permanent School Fund on the 30th of November, 1875.

|            | TEN PER CENT.<br>SCHOOL BONDS. | SIX PER CENT.<br>STATE BONDS. | SEVEN PER<br>CENT. STATE<br>BONDS. | LAWRENCE<br>CITY SEVEN<br>PER CENT.<br>UNIVERSITY<br>BONDS. | TOTAL INVEST-<br>MENTS OF THE<br>PERMANENT<br>SCHOOL FUND. |
|------------|--------------------------------|-------------------------------|------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| 1866.....  |                                | \$ 4,650.00                   | \$ 24,000.00                       |                                                             | \$ 28,650.00                                               |
| 1867.....  |                                | 4,225.00                      | 62,500.00                          |                                                             | 66,725.00                                                  |
| 1868.....  |                                | 7,375.00                      | 58,200.00                          |                                                             | 65,575.00                                                  |
| 1869.....  |                                | 300.00                        | 128,200.00                         |                                                             | 128,600.00                                                 |
| 1870.....  |                                | 15,175.00                     | 86,600.00                          | \$ 50,000.00                                                | 151,775.00                                                 |
| 1871.....  |                                | 13,350.00                     | 46,000.00                          | 50,000.00                                                   | 109,350.00                                                 |
| 1872.....  | \$151,470.99                   | 7,050.00                      | 50,100.00                          |                                                             | 208,620.99                                                 |
| 1873.....  | 244,586.00                     |                               |                                    |                                                             | 244,586.00                                                 |
| 1874.....  | 74,744.42                      |                               | 5,000.00                           |                                                             | 79,744.42                                                  |
| 1875.....  | 30,387.33                      |                               | 48,000.00                          |                                                             | 78,387.33                                                  |
| Total..... | \$501,188.74                   | \$52,125.00                   | \$508,600.00                       | \$100,000.00                                                | \$1,161,913.74                                             |

Permanent School Fund, as shown by the Auditor's books, at the close of the fiscal year,  
 November 30th, 1875.....\$1,159,923.70  
 Unexplained difference.....1,990.04

The printed official reports of the Auditor and Treasurer of State show the permanent school fund investment to be \$1,161,913.74. The balance on the 30th of November of this year, as shown by the books of the Auditor, is \$1,159,923.70. There is an unexplained difference, therefore, of \$1,190.04. We found this just as we were going to press, and have no time to make further examinations. It is probably owing to some typographical error in some of the printed reports referred to.

TABLE showing the annual investments, the annual unpaid principal on sale of school lands; also the permanent school fund for each year, including the annual investments and unpaid principal.

|                    | ANNUAL INVESTMENTS, PAR VALUE OF BONDS. | ANNUAL UNPAID PRINCIPAL ON SALE OF SCHOOL LANDS. | ANNUAL INVESTED SCHOOL FUND. | PERMANENT SCHOOL FUND FOR EACH YEAR. |
|--------------------|-----------------------------------------|--------------------------------------------------|------------------------------|--------------------------------------|
| 1896 .....         | \$28,650.00                             | -----                                            | \$28,650.00                  | \$28,650.00                          |
| 1897 .....         | 66,725.00                               | 84,531.90                                        | 95,375.00                    | 179,906.90                           |
| 1898 .....         | 65,575.00                               | 263,056.20                                       | 169,950.00                   | 424,006.20                           |
| 1899 .....         | 128,500.00                              | 367,495.10                                       | 289,450.00                   | 656,945.10                           |
| 1870 .....         | 151,775.00                              | 432,888.50                                       | 441,225.00                   | 874,113.50                           |
| 1871 .....         | 109,350.00                              | 545,978.80                                       | 550,575.00                   | 1,096,553.80                         |
| 1872 .....         | 206,620.99                              | 745,325.30                                       | 759,195.99                   | 1,504,521.29                         |
| 1873 .....         | 244,595.00                              | 807,912.00                                       | 1,008,781.99                 | 1,811,693.99                         |
| 1874 .....         | 79,744.42                               | 850,756.80                                       | 1,083,526.41                 | 1,934,233.21                         |
| 1875 .....         | 78,387.33                               | 1,142,395.30                                     | 1,161,913.74                 | 2,304,309.04                         |
| Total investments. | \$1,161,913.74                          |                                                  |                              |                                      |

TABLE showing the annual School Fund, from all sources.

|            | ANNUAL MILL TAX. | INTEREST ON UNPAID PRINCIPAL OF SCHOOL LANDS SOLD. | INTEREST ON PERMANENT SCHOOL LOANS. | AMOUNT OF INSURANCE LICENSE. | TOTAL ANNUAL SCHOOL FUND. |
|------------|------------------|----------------------------------------------------|-------------------------------------|------------------------------|---------------------------|
| 1862 ..... | \$ 19,289.43     | -----                                              | -----                               | -----                        | \$ 19,289.43              |
| 1863 ..... | 25,460.36        | -----                                              | -----                               | -----                        | 25,460.36                 |
| 1864 ..... | 30,460.50        | -----                                              | -----                               | -----                        | 30,460.50                 |
| 1865 ..... | 36,126.09        | -----                                              | -----                               | -----                        | 36,126.09                 |
| 1866 ..... | 50,440.16        | -----                                              | 24.26                               | -----                        | 50,464.42                 |
| 1867 ..... | 56,276.36        | \$ 8,453.19                                        | 17.40                               | -----                        | 64,746.95                 |
| 1868 ..... | 66,985.80        | 26,305.62                                          | 72.71                               | -----                        | 93,364.13                 |
| 1869 ..... | 76,383.68        | 26,749.51                                          | 14,889.40                           | -----                        | 128,022.59                |
| 1870 ..... | 92,229.10        | 43,288.85                                          | 30,374.50                           | -----                        | 165,892.45                |
| 1871 ..... | 108,753.57       | 54,597.88                                          | 34,192.00                           | \$ 950.00                    | 198,493.45                |
| 1872 ..... | 127,690.93       | 74,532.53                                          | 36,319.00                           | 2,600.00                     | 241,142.46                |
| 1873 ..... | 126,684.16       | 80,791.20                                          | 44,519.50                           | 2,750.00                     | 253,744.86                |
| 1874 ..... | 128,908.28       | 85,075.68                                          | 73,616.69                           | 3,400.00                     | 291,000.65                |
| 1875 ..... | 121,545.98       | 114,239.53                                         | 91,017.19                           | 3,300.00                     | 330,102.70                |
|            | \$1,066,234.40   | \$524,033.99                                       | \$325,042.65                        | \$13,000.00                  | \$1,923,311.04            |

## FOURTH ANNUAL REPORT.

307

TABLE showing the number of organized school districts, amount paid teachers, number of acres of school lands unsold, and average price of lands sold during 1875.

| COUNTIES.    | No.<br>DISTRICTS<br>ORGANIZED. | AVERAGE SALARY<br>PER MONTH, |          | AMOUNT PAID<br>TEACHERS. | ACRES OF<br>SCHOOL<br>LAND YET<br>UNSOLD. | AVERAGE<br>PRICE OF<br>LAND SOLD<br>DURING<br>THE YEAR. |
|--------------|--------------------------------|------------------------------|----------|--------------------------|-------------------------------------------|---------------------------------------------------------|
|              |                                | MALES.                       | FEMALES. |                          |                                           |                                                         |
| Allen        | 57                             | \$38.97                      | \$26.66  | \$13,743.49              | 4,320                                     |                                                         |
| Anderson     | 65                             | 30.58                        | 24.26    | 12,001.75                | 11,118                                    | \$4.88                                                  |
| Atchison     | 67                             | 42.00                        | 31.00    | 27,650.00                |                                           |                                                         |
| Barbour      | 12                             | 32.00                        | 25.00    |                          | 9,280                                     |                                                         |
| Barton       | 31                             | 31.33                        | 28.05    | 2,628.05                 | 46,580                                    | 5.06                                                    |
| Bourbon      | 87                             | 36.28                        | 30.85    | 17,366.72                | 2,920                                     | 8.75                                                    |
| Brown        | 72                             | 38.52                        | 28.47    | 17,164.65                | 40                                        |                                                         |
| Butler       | 124                            | 25.61                        | 22.62    |                          | 42,056                                    | 8.57                                                    |
| Chautauqua   | 80                             | 29.75                        | 20.60    | 3,761.81                 |                                           |                                                         |
| Chase        | 36                             | 35.66                        | 31.18    | 7,720.56                 |                                           |                                                         |
| Cherokee     | 90                             | 35.00                        | 29.00    | 15,764.55                |                                           |                                                         |
| Clay         | 85                             | 40.00                        | 22.00    | 5,475.75                 | 11,934                                    | 3.08                                                    |
| Cloud        | 83                             | 27.12                        | 18.95    | 6,513.12                 | 25,600                                    | 3.25                                                    |
| Coffey       | 63                             | 35.00                        | 30.00    | 18,250.00                | 11,301                                    | 3.75                                                    |
| Cowley       | 108                            | 28.30                        | 23.18    | 8,802.13                 | 21,586                                    | 3.52                                                    |
| Crawford     | 100                            | 13.16                        | 26.06    | 15,331.55                | 16,472                                    | 4.52                                                    |
| Davis        | 34                             | 43.85                        | 38.08    | 8,677.40                 | 7,760                                     | 8.50                                                    |
| Dickinson    | 86                             | 35.00                        | 30.00    | 11,125.00                | 17,665                                    |                                                         |
| Doniphan     | 68                             | 40.00                        | 35.00    | 20,370.00                | 21,306                                    |                                                         |
| Douglas      | 84                             | 34.50                        | 31.00    | 34,645.00                |                                           |                                                         |
| Edwards      | 1                              | 25.00                        |          | 75.00                    | 17,280                                    |                                                         |
| Elk          | 74                             | 27.60                        | 23.34    |                          | 32,560                                    |                                                         |
| Ellis        | 2                              | 75.00                        | 65.00    | 455.50                   | 32,000                                    |                                                         |
| Ellsworth    | 18                             | 57.00                        | 31.00    | 2,496.55                 | 24,960                                    |                                                         |
| Ford         | 1                              |                              | 60.00    | 600.00                   | 23,040                                    |                                                         |
| Franklin     | 83                             | 31.90                        | 26.25    | 19,042.00                | 1,121                                     |                                                         |
| Greenwood    | 74                             | 35.36                        | 29.75    | 9,109.09                 | 26,330                                    |                                                         |
| Harvey       | 67                             | 28.00                        | 20.00    | 6,324.75                 | 1,920                                     | 4.72                                                    |
| Jackson      | 63                             |                              |          | 6,690.60                 |                                           |                                                         |
| Jefferson    | 89                             | 35.60                        | 28.64    | 17,430.18                |                                           |                                                         |
| Jewell       | 118                            | 25.25                        | 20.35    | 7,123.29                 | 23,661                                    | 4.27                                                    |
| Johnson      | 90                             | 29.27                        | 30.98    | 20,558.82                |                                           |                                                         |
| Kingman      | 1                              |                              | 20.00    | 60.00                    |                                           |                                                         |
| Labette      | 95                             | 38.36                        | 31.16    | 18,809.87                | 1,680                                     |                                                         |
| Leavenworth  | 74                             | 45.00                        | 41.70    | 4,412.47                 |                                           |                                                         |
| Lincoln      | 82                             | 27.25                        | 23.50    | 1,496.68                 | 23,100                                    | 4.23                                                    |
| Linn         | 95                             | 31.85                        | 24.77    | 18,730.66                | 1,312                                     | 3.40                                                    |
| Lyon         | 76                             | 32.91                        | 32.01    | 18,826.00                | 11,846                                    | 3.25                                                    |
| Marion       | 74                             | 40.00                        | 33.33    | 8,014.75                 | 7,060                                     | 4.00                                                    |
| Marshall     | 87                             | 40.00                        | 27.50    | 13,025.00                | 1,320                                     |                                                         |
| McPherson    | 76                             | 26.00                        | 11.43    | 2,290.67                 | 18,680                                    | 8.33                                                    |
| Miami        | 89                             | 34.50                        | 27.50    | 21,634.25                |                                           |                                                         |
| Mitchell     | 73                             | 33.33                        | 18.50    | 5,671.00                 | 19,220                                    |                                                         |
| Montgomery   | 100                            | 35.37                        | 28.72    | 14,081.31                | 2,580                                     |                                                         |
| Morris       | 44                             | 40.00                        | 33.00    |                          | 11,560                                    | 3.88                                                    |
| Nemaha       | 77                             | 37.67                        | 29.61    | 16,381.87                | 2,880                                     |                                                         |
| Neosho       | 93                             | 35.00                        | 26.00    | 14,004.42                | 2,397                                     |                                                         |
| Norton       | 17                             | 25.00                        | 15.00    | 450.75                   | 23,000                                    |                                                         |
| Osage        | 86                             | 31.23                        | 22.25    | 19,154.56                |                                           |                                                         |
| Osborne      | 49                             | 17.75                        | 13.25    | 1,742.94                 | 27,720                                    |                                                         |
| Ottawa       | 57                             | 38.00                        | 31.00    | 5,226.42                 | 16,110                                    |                                                         |
| Pawnee       | 11                             | 40.00                        | 33.33    | 690.00                   |                                           |                                                         |
| Phillips     | 43                             | 40.00                        | 26.66    |                          | 31,880                                    | 8.50                                                    |
| Pottawatomie | 87                             | 33.95                        | 24.90    | 13,812.25                | 22,810                                    | 5.25                                                    |
| Reno         | 72                             | 25.00                        | 22.25    | 5,100.24                 | 39,918                                    | 3.66                                                    |
| Republic     | 101                            | 26.12                        | 23.00    | 5,804.14                 | 9,278                                     | 4.00                                                    |
| Rice         | 41                             | 32.00                        | 25.00    | 1,732.00                 | 25,600                                    | 4.34                                                    |
| Riley        | 57                             | 32.15                        | 25.50    | 10,891.00                | 13,181                                    |                                                         |
| Rooks        | 16                             | 20.00                        | 18.00    | 363.44                   |                                           |                                                         |
| Rush         | 6                              |                              |          |                          |                                           |                                                         |
| Russell      | 14                             | 47.50                        | 17.00    | 1,354.34                 | 81,200                                    |                                                         |
| Saline       | 59                             | 34.85                        | 26.40    | 10,108.41                |                                           |                                                         |
| Sedgwick     | 80                             | 22.53                        | 20.78    | 4,803.87                 |                                           |                                                         |
| Shawnee      | 79                             | 30.92                        | 25.70    | 24,691.01                | 560                                       |                                                         |
| Smith        | 70                             | 25.00                        | 15.00    |                          | 29,610                                    | 3.15                                                    |
| Sumner       | 73                             | 31.80                        | 24.00    |                          | 34,880                                    |                                                         |
| Wabaunsee    | 53                             | 33.75                        | 29.00    | 9,165.42                 | 9,700                                     | 3.00                                                    |
| Washington   | 108                            | 27.96                        | 23.40    | 11,152.70                | 9,120                                     | 3.00                                                    |
| Wilson       | 91                             | 32.00                        | 24.00    | 9,845.84                 |                                           |                                                         |
| Woodson      | 53                             | 29.00                        | 22.00    | 5,513.45                 | 7,680                                     |                                                         |
| Wyandotte    | 39                             | 47.96                        | 33.81    | 16,898.70                |                                           |                                                         |
|              | 4,560                          | \$32.74                      | \$26.02  | \$689,906.65             | 879,692                                   | \$3.83                                                  |

No returns from the counties of Comanche, Harper, Howard, Ness, Pratt and Wallace.

TABLE showing the number of School Houses in the State, number built during the year, and the valuation of buildings, furniture and apparatus for 1875.

| COUNTIES.    | No. of SCHOOL HOUSES. |        |        |        |        | No. SCHOOL HOUSES BUILT DURING YEAR. |        |        |        |        | ESTIMATED VALUATION.  |            |            |                  |  |
|--------------|-----------------------|--------|--------|--------|--------|--------------------------------------|--------|--------|--------|--------|-----------------------|------------|------------|------------------|--|
|              | LOG.                  | FRAME. | BRICK. | STONE. | TOTAL. | LOG.                                 | FRAME. | BRICK. | STONE. | TOTAL. | BUILD'GS AND GROUNDS. | FURNITURE. | APPARATUS. | TOTAL VALUATION. |  |
| Allen        |                       | 49     | 1      | 5      | 55     |                                      | 1      |        |        | 1      | \$ 43,160             | \$ 4,911   | \$ 876     | \$ 48,947        |  |
| Anderson     | 1                     | 49     |        | 12     | 62     |                                      | 2      |        |        | 2      | 63,075                | 4,894      | 617        | 68,586           |  |
| Atchison     | 1                     | 52     | 6      | 12     | 71     |                                      | 1      |        |        | 1      | 175,000               | 15,000     | 2,000      | 192,000          |  |
| Barbour      |                       |        |        |        | 1      |                                      |        |        |        |        | 650                   | 261        |            | 911              |  |
| Barton       |                       | 21     | 1      |        | 22     |                                      | 9      |        |        | 9      | 21,430                | 2,140      | 350        | 23,920           |  |
| Bourbon      | 1                     | 79     |        | 6      | 86     |                                      | 2      |        | 1      | 3      | 55,245                | 7,161      | 810        | 63,216           |  |
| Brown        |                       | 60     | 1      | 8      | 69     |                                      | 1      | 1      |        | 2      | 72,990                | 7,109      | 715        | 80,814           |  |
| Butler       | 1                     | 73     |        | 16     | 90     |                                      |        |        | 2      | 2      | 74,000                | 6,000      | 500        | 80,500           |  |
| Chautauqua   |                       |        |        |        | 71     |                                      |        |        |        |        | 30,050                | 2,455      | 50         | 32,555           |  |
| Cnase        |                       | 21     |        | 11     | 32     |                                      | 1      |        |        | 1      | 26,700                | 4,047      | 816        | 31,563           |  |
| Cherokee     | 11                    | 70     | 1      | 1      | 83     |                                      | 4      |        |        | 4      | 56,700                | 6,860      | 1,090      | 64,650           |  |
| Clay         |                       | 12     | 42     | 9      | 63     |                                      | 6      |        |        | 6      | 27,932                | 1,562      | 300        | 29,794           |  |
| Cloud        | 4                     | 26     |        | 11     | 41     |                                      | 3      |        |        | 3      | 34,796                | 3,066      | 120        | 37,982           |  |
| Coffey       |                       | 48     | 2      | 13     | 63     |                                      | 3      |        | 2      | 5      | 80,000                | 6,000      | 700        | 86,700           |  |
| Cowley       | 4                     | 49     | 1      | 4      | 58     |                                      | 5      |        |        | 5      | 57,283                | 5,737      | 456        | 63,476           |  |
| Crawford     | 4                     | 91     | 1      | 2      | 98     |                                      | 1      |        |        | 1      | 47,385                | 5,118      | 1,041      | 53,544           |  |
| Davis        | 2                     | 10     |        | 22     | 34     |                                      |        |        |        | 3      | 36,265                | 3,200      | 325        | 39,790           |  |
| Dickinson    |                       | 61     | 1      | 8      | 70     |                                      | 7      |        |        | 7      | 61,900                | 6,200      | 400        | 68,500           |  |
| Doniphan     | 5                     | 58     | 8      |        | 71     |                                      |        |        |        | 7      | 75,000                | 11,500     | 3,000      | 89,500           |  |
| Douglas      | 15                    | 26     | 21     | 31     | 93     |                                      |        |        |        |        | 182,171               | 13,589     | 800        | 196,560          |  |
| Edwards      |                       | 1      |        |        | 1      |                                      |        |        |        |        | 500                   | 25         | 5          | 530              |  |
| Elk          | 2                     | 55     |        | 2      | 59     |                                      | 2      |        |        | 2      | 20,635                | 187        | 85         | 20,907           |  |
| Ellis        |                       | 1      |        | 2      | 3      |                                      |        |        |        |        | 9,800                 | 450        | 30         | 10,280           |  |
| Ellsworth    | 1                     | 4      |        | 2      | 7      |                                      |        |        | 1      | 1      | 16,550                | 1,330      | 200        | 18,080           |  |
| Ford         |                       | 1      |        |        | 1      |                                      |        |        |        |        | 1,300                 | 200        | 25         | 1,525            |  |
| Franklin     | 2                     | 61     | 2      | 16     | 81     |                                      |        |        |        |        | 80,500                | 3,450      | 300        | 84,250           |  |
| Greenwood    | 2                     | 52     | 1      | 12     | 67     |                                      | 2      |        | 2      | 4      | 69,125                | 8,520      | 975        | 78,620           |  |
| Harvey       |                       | 38     |        | 1      | 39     |                                      | 1      |        |        | 1      | 39,000                | 4,375      | 22         | 43,397           |  |
| Jackson      | 5                     | 40     | 2      | 1      | 48     |                                      | 1      |        |        | 1      | 48,050                | 4,312      | 475        | 52,837           |  |
| Jefferson    | 2                     | 73     | 3      | 11     | 89     |                                      |        |        |        |        | 116,462               | 11,200     | 867        | 128,529          |  |
| Jewell       | 16                    | 18     |        | 10     | 44     | 8                                    | 1      |        | 1      | 1      | 25,000                | 1,229      | 30         | 26,259           |  |
| Johnson      | 2                     | 65     | 4      | 9      | 80     | 1                                    | 1      |        |        | 1      | 95,188                | 6,067      | 596        | 101,851          |  |
| Kingman      | 1                     |        |        |        | 1      |                                      | 1      |        |        | 1      | 2,000                 | 200        |            | 2,200            |  |
| Labette      | 1                     | 80     | 3      | 2      | 86     |                                      | 5      | 1      |        | 6      | 07,509                | 9,629      | 1,132      | 118,270          |  |
| Leavenworth  | 1                     | 64     | 13     | 4      | 82     |                                      | 1      | 1      |        | 2      | 269,952               | 35,166     | 5,092      | 310,210          |  |
| Lincoln      | 3                     | 10     |        | 4      | 17     | 2                                    |        |        | 2      | 4      | 10,890                | 1,194      | 115        | 12,199           |  |
| Linn         | 9                     | 71     | 2      | 6      | 88     |                                      | 3      |        |        | 3      | 76,804                | 7,580      | 1,199      | 85,583           |  |
| Lyon         | 1                     | 52     | 4      | 23     | 80     |                                      | 5      | 1      | 3      | 9      | 67,928                | 6,183      | 558        | 74,669           |  |
| Marion       |                       | 50     |        | 15     | 65     |                                      | 4      |        | 5      | 9      | 75,512                | 6,700      | 2,203      | 84,415           |  |
| Marshall     | 4                     | 60     | 1      | 45     | 80     |                                      | 9      |        |        | 9      | 80,338                | 7,479      | 1,887      | 89,704           |  |
| McPherson    |                       |        |        |        | 20     |                                      | 4      |        |        | 4      |                       |            |            |                  |  |
| Miami        | 4                     | 64     | 2      | 19     | 89     |                                      | 3      |        |        | 3      | 14,196                | 7,228      | 940        | 22,364           |  |
| Mitchell     | 16                    | 12     | 1      | 21     | 50     |                                      |        |        | 3      | 3      | 37,205                | 2,000      | 152        | 39,357           |  |
| Montgomery   | 8                     | 84     | 3      | 1      | 96     |                                      |        |        |        |        | 95,480                | 11,259     | 1,107      | 107,846          |  |
| Morris       | 3                     | 31     | 2      | 7      | 40     |                                      | 4      |        |        | 4      | 40,000                | 10,000     | 2,000      | 52,000           |  |
| Nemaha       | 4                     | 65     |        | 5      | 74     |                                      |        |        | 1      | 2      | 60,967                | 7,696      | 1,890      | 70,553           |  |
| Neosho       | 4                     | 80     | 3      | 3      | 90     |                                      |        |        |        |        | 79,175                | 6,088      | 971        | 86,234           |  |
| Norton       | 2                     |        |        |        | 2      |                                      |        |        |        |        | 75                    | 10         |            | 85               |  |
| Osage        |                       | 43     | 4      | 29     | 76     |                                      |        | 1      |        | 1      | 113,375               | 11,549     |            | 124,924          |  |
| Osborne      | 9                     | 3      |        | 4      | 16     | 1                                    |        |        |        | 1      | 6,215                 | 426        | 25         | 6,666            |  |
| Ottawa       |                       | 25     |        | 11     | 36     |                                      |        |        | 1      | 1      | 19,800                | 3,537      | 120        | 23,457           |  |
| Pawnee       |                       | 1      |        |        | 1      |                                      |        |        |        |        | 300                   | 325        | 25         | 650              |  |
| Phillips     | 10                    | 6      |        | 4      | 20     |                                      |        |        |        |        | 7,326                 | 1,000      |            | 8,326            |  |
| Pottawatomie | 4                     | 54     | 1      | 20     | 79     |                                      | 1      |        | 4      | 5      | 39,015                | 3,657      | 454        | 43,126           |  |
| Reno         | 1                     | 53     | 3      | 3      | 60     |                                      | 7      |        |        | 7      | 45,919                | 5,661      | 223        | 51,808           |  |
| Republic     | 11                    | 50     | 2      | 16     | 79     | 3                                    | 3      | 2      | 3      | 11     | 36,457                | 2,861      | 179        | 39,497           |  |
| Rice         |                       | 20     |        |        | 20     |                                      | 8      |        |        | 8      | 17,150                | 1,181      | 215        | 18,546           |  |
| Riley        | 3                     | 22     |        |        | 25     |                                      |        |        |        |        | 43,880                | 4,100      | 625        | 48,605           |  |
| Rooks        | 1                     | 2      |        | 1      | 4      |                                      |        |        |        |        | 3,300                 | 140        |            | 3,440            |  |
| Rush         |                       |        |        |        |        |                                      |        |        | 3      | 3      |                       |            |            |                  |  |
| Russell      |                       |        |        | 8      | 8      |                                      |        |        |        |        | 13,760                | 1,269      |            | 15,029           |  |
| Saline       | 1                     | 45     | 1      | 1      | 48     |                                      | 6      |        |        | 6      | 67,835                | 3,887      | 242        | 71,964           |  |
| Sedgwick     |                       | 56     | 1      |        | 57     |                                      | 4      | 1      |        | 5      | 104,072               | 8,038      | 57         | 107,167          |  |
| Shawnee      |                       | 51     | 7      | 23     | 81     |                                      |        |        | 1      | 1      | 190,930               | 7,221      | 854        | 199,005          |  |
| Smith        | 35                    | 4      | 1      | 3      | 43     |                                      |        |        |        |        | 10,000                | 800        | 50         | 10,850           |  |
| Sumner       |                       |        |        |        | 39     |                                      | 4      |        | 1      | 5      | 32,195                | 3,648      | 405        | 36,248           |  |
| Wabaunsee    | 5                     | 27     |        | 11     | 43     |                                      | 1      |        | 4      | 5      | 36,825                | 4,196      | 258        | 41,279           |  |
| Washington   | 12                    | 62     |        | 12     | 86     |                                      | 6      |        | 1      | 7      | 52,695                | 5,115      | 160        | 57,970           |  |
| Wilson       | 7                     | 74     | 2      | 3      | 86     |                                      | 3      | 1      |        | 4      | 59,000                | 5,200      | 650        | 64,850           |  |
| Woodson      | 1                     | 48     | 4      | 1      | 54     |                                      | 5      |        |        | 5      | 33,685                | 2,715      | 508        | 36,908           |  |
| Wyandotte    |                       | 29     | 9      | 4      | 42     |                                      | 2      | 1      |        | 3      | 82,900                | 5,927      | 686        | 89,513           |  |
|              | 239                   | 2662   | 168    | 516    | 3715   | 10                                   | 146    | 10     | 42     | 211    | \$3,742,507           | \$354,020  | \$43,563   | \$4,140,090      |  |

No returns from the counties of Comanche, Harper, Howard, Ness, Pratt and Wallace.

## SUMMARY, BY COUNTIES, OF CHURCH STATISTICS OF THE DENOMINATIONS NAMED.

| COUNTIES.         | PRESBYTERIAN.      |                  |                     |                                 | CONGREGATIONAL.    |                  |                     |                                 | BAPTIST.           |                  |                     |                                 | UNITED PRESBYTERIAN. |                  |                     |                                 | METHODIST.*        |                  |                     |                                 |
|-------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|----------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|
|                   | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION.   | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. |
| Allen .....       | 7                  | 350              | 4                   | \$19,800                        | 1                  | 56               | 1                   | \$3,000                         | 3                  | 150              | 2                   | \$12,000                        | 1                    | 170              | 1                   | \$3,000                         | 11                 | 350              | 2                   | \$13,000                        |
| Anderson .....    | 5                  | 165              | 2                   | 5,000                           | 2                  | 177              | 2                   | 15,000                          | 2                  | 100              | 1                   | 2,000                           | 16                   | 670              | 1                   | 3,800                           | 16                 | 670              | 1                   | 3,800                           |
| Atchison .....    | 4                  | 320              | 2                   | 19,000                          | 3                  | 177              | 2                   | 15,000                          | 8                  | 607              | 3                   | 10,000                          | 7                    | 460              | 3                   | 28,000                          | 7                  | 460              | 3                   | 28,000                          |
| Barbour .....     | 1                  | 30               | 1                   | 4,000                           | 1                  | 72               | 1                   | 17,500                          | 2                  | 50               | 2                   | 14,000                          | 4                    | 40               | 1                   | 5,000                           | 4                  | 40               | 1                   | 5,000                           |
| Barton .....      | 4                  | 200              | 1                   | 3,500                           | 1                  | 109              | 1                   | 7,000                           | 6                  | 350              | 2                   | 5,000                           | 33                   | 892              | 1                   | 2,000                           | 33                 | 892              | 1                   | 2,000                           |
| Bourbon .....     | 1                  | 51               | 1                   | 3,500                           | 4                  | 92               | 2                   | 7,000                           | 6                  | 250              | 2                   | 5,000                           | 1                    | 15               | 1                   | 2,000                           | 1                  | 15               | 1                   | 2,000                           |
| Butler .....      | 4                  | 80               | 1                   | 3,500                           | 2                  | 20               | 1                   | 2,500                           | 10                 | 303              | 3                   | 83                              | 1                    | 25               | 1                   | 3,500                           | 3                  | 60               | 1                   | 3,500                           |
| Chautauque .....  | 3                  | 60               | 1                   | 4,000                           | 1                  | 24               | 1                   | 2,500                           | 7                  | 307              | 2                   | 250                             | 2                    | 20               | 1                   | 2,000                           | 18                 | 583              | 1                   | 2,000                           |
| Cherokee .....    | 3                  | 95               | 1                   | 2,800                           | 2                  | 45               | 1                   | 2,500                           | 4                  | 155              | 2                   | 4,000                           | 8                    | 200              | 1                   | 650                             | 8                  | 200              | 1                   | 650                             |
| Clay .....        | 5                  | 165              | 2                   | 7,500                           | 1                  | 44               | 1                   | 3,000                           | 3                  | 130              | 1                   | 2,500                           | 8                    | 150              | 1                   | 7,500                           | 8                  | 150              | 1                   | 7,500                           |
| Clovis .....      | 3                  | 45               | 1                   | 1,200                           | 1                  | 56               | 1                   | 3,000                           | 8                  | 207              | 2                   | 6,000                           | 1                    | 85               | 1                   | 800                             | 18                 | 374              | 3                   | 7,500                           |
| Coffey .....      | 3                  | 116              | 2                   | 7,000                           | 1                  | 31               | 1                   | 3,000                           | 10                 | 331              | 1                   | 900                             | 6                    | 218              | 1                   | 2,500                           | 6                  | 218              | 1                   | 2,500                           |
| Comanche .....    | 2                  | 105              | 1                   | 18,000                          | 1                  | 24               | 1                   | 3,000                           | 5                  | 157              | 1                   | 1,000                           | 17                   | 510              | 2                   | 3,000                           | 17                 | 510              | 2                   | 3,000                           |
| Cowley .....      | 2                  | 105              | 1                   | 18,000                          | 1                  | 24               | 1                   | 3,000                           | 5                  | 157              | 1                   | 1,000                           | 17                   | 510              | 2                   | 3,000                           | 17                 | 510              | 2                   | 3,000                           |
| Davis .....       | 4                  | 102              | 1                   | 12,000                          | 2                  | 39               | 2                   | 8,000                           | 5                  | 217              | 2                   | 3,500                           | 12                   | 175              | 1                   | 3,500                           | 12                 | 175              | 1                   | 3,500                           |
| Douglas .....     | 4                  | 250              | 3                   | 12,700                          | 2                  | 652              | 3                   | 51,700                          | 5                  | 291              | 2                   | 21,000                          | 1                    | 90               | 1                   | 5,000                           | 21                 | 473              | 9                   | 22,500                          |
| Douglas .....     | 5                  | 350              | 4                   | 20,000                          | 6                  | 652              | 3                   | 51,700                          | 5                  | 291              | 2                   | 21,000                          | 1                    | 90               | 1                   | 5,000                           | 4                  | 1,032            | 4                   | 23,500                          |
| Edwards .....     | 1                  | 25               | 1                   | 1,500                           | 2                  | 18               | 1                   | 2,000                           | 9                  | 288              | 2                   | 2,000                           | 9                    | 288              | 2                   | 2,000                           | 9                  | 288              | 2                   | 2,000                           |
| Ellis .....       | 2                  | 45               | 1                   | 5,700                           | 3                  | 95               | 2                   | 7,500                           | 7                  | 350              | 3                   | 5,500                           | 3                    | 150              | 2                   | 3,000                           | 16                 | 886              | 6                   | 15,800                          |
| Ellsworth .....   | 3                  | 70               | 1                   | 4,000                           | 3                  | 111              | 1                   | 1,800                           | 3                  | 200              | 1                   | 1,800                           | 15                   | 235              | 1                   | 1,400                           | 15                 | 235              | 1                   | 1,400                           |
| Ford .....        | 2                  | 60               | 1                   | 3,600                           | 2                  | 54               | 1                   | 2,000                           | 2                  | 108              | 1                   | 2,000                           | 9                    | 216              | 1                   | 3,000                           | 9                  | 216              | 1                   | 3,000                           |
| Franklin .....    | 3                  | 95               | 2                   | 5,800                           | 1                  | 23               | 1                   | 4,500                           | 4                  | 201              | 1                   | 2,000                           | 15                   | 400              | 1                   | 5,800                           | 15                 | 400              | 1                   | 5,800                           |
| Greenwood .....   | 5                  | 175              | 2                   | 5,900                           | 1                  | 53               | 1                   | 4,500                           | 5                  | 206              | 1                   | 2,000                           | 3                    | 60               | 1                   | 1,000                           | 3                  | 404              | 1                   | 5,800                           |
| Harper .....      | 1                  | 14               | 1                   | 14,500                          | 1                  | 48               | 1                   | 3,000                           | 3                  | 157              | 1                   | 2,200                           | 13                   | 240              | 1                   | 1,800                           | 13                 | 240              | 1                   | 1,800                           |
| Harvey .....      | 6                  | 280              | 6                   | 14,500                          | 1                  | 48               | 1                   | 3,000                           | 4                  | 208              | 1                   | 2,200                           | 2                    | 140              | 2                   | 5,000                           | 5                  | 963              | 5                   | 17,000                          |
| Howard .....      | 7                  | 285              | 3                   | 12,500                          | 2                  | 18               | 2                   | 7,000                           | 7                  | 280              | 2                   | 5,000                           | 2                    | 60               | 1                   | 10,000                          | 26                 | 855              | 5                   | 12,100                          |
| Jackson .....     | 5                  | 406              | 4                   | 61,100                          | 5                  | 358              | 4                   | 28,000                          | 10                 | 400              | 4                   | 70,000                          | 3                    | 140              | 2                   | 8,000                           | 19                 | 637              | 5                   | 34,300                          |
| Jefferson .....   | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |
| Jewell .....      | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |
| John-son .....    | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |
| Kingman .....     | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |
| Labette .....     | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |
| Leavenworth ..... | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |
| Lincoln .....     | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |
| Linn .....        | 1                  | 6                | 1                   | 1,500                           | 1                  | 18               | 1                   | 2,500                           | 3                  | 75               | 3                   | 6,300                           | 6                    | 60               | 4                   | 6,500                           | 6                  | 60               | 4                   | 6,500                           |

\* Returns of 1874.

## SUMMARY, BY COUNTIES, OF CHURCH STATISTICS OF THE DENOMINATIONS NAMED.—CONTINUED.

| COUNTIES.         | PRESBYTERIAN.      |                  |                     |                                 | CONGREGATIONAL.    |                  |                     |                                 | BAPTIST.           |                  |                     |                                 | UNITED PRESBYTERIAN. |                  |                     |                                 | METHODIST.*        |                  |                     |                                 |
|-------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|----------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|
|                   | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION.   | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. |
| Lyon.....         | 6                  | 200              | 2                   | \$13,500                        | 4                  | 217              | —                   | \$5,500                         | 4                  | 120              | 1                   | \$3,000                         | 3                    | 115              | 1                   | \$6,000                         | 15                 | 434              | 2                   | \$7,000                         |
| Marion.....       | 4                  | 107              | 3                   | 7,500                           | 1                  | 63               | —                   | —                               | 4                  | 120              | 1                   | 1,000                           | 1                    | 18               | —                   | —                               | 7                  | 80               | 1                   | 400                             |
| Marshall.....     | 5                  | 190              | 4                   | 18,600                          | 1                  | —                | —                   | —                               | 5                  | 320              | 1                   | 2,500                           | —                    | —                | —                   | —                               | 5                  | 341              | 3                   | 6,500                           |
| McPherson.....    | —                  | —                | —                   | —                               | —                  | 45               | —                   | —                               | 7                  | 175              | —                   | —                               | —                    | —                | —                   | —                               | 5                  | 150              | —                   | —                               |
| Miami.....        | 4                  | 150              | 1                   | 4,000                           | 2                  | 53               | 2                   | 5,500                           | 7                  | 263              | 3                   | 6,000                           | —                    | —                | —                   | —                               | 17                 | 628              | 4                   | 10,000                          |
| Mitchell.....     | 1                  | 29               | —                   | —                               | 2                  | 36               | 1                   | 3,000                           | 4                  | 183              | —                   | 900                             | —                    | —                | —                   | —                               | 10                 | 250              | 1                   | 1,500                           |
| Montgomery.....   | 2                  | 124              | 1                   | 7,300                           | 2                  | 57               | 1                   | 4,000                           | 15                 | 409              | 1                   | 1,800                           | —                    | —                | —                   | —                               | 27                 | 700              | 1                   | 3,000                           |
| Morris.....       | 2                  | 45               | —                   | —                               | 4                  | 97               | 1                   | 4,500                           | 2                  | 75               | —                   | —                               | —                    | —                | —                   | —                               | 1                  | 111              | —                   | —                               |
| Nebraska.....     | 1                  | 32               | 1                   | 2,300                           | 6                  | 220              | 3                   | 11,800                          | 4                  | 160              | 1                   | 2,500                           | 1                    | 20               | —                   | —                               | 4                  | 405              | 2                   | 6,600                           |
| Neosho.....       | 4                  | 90               | 1                   | 3,000                           | —                  | —                | —                   | —                               | 4                  | 150              | 2                   | 2,800                           | 1                    | 23               | —                   | —                               | 26                 | 1,123            | 2                   | 7,800                           |
| Ness.....         | 1                  | 12               | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                    | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Norton.....       | 1                  | 12               | —                   | —                               | —                  | —                | —                   | —                               | 1                  | 57               | —                   | —                               | —                    | —                | —                   | —                               | 1                  | 30               | —                   | —                               |
| Osage.....        | 8                  | 360              | 4                   | 10,500                          | 7                  | 142              | 2                   | 5,500                           | 4                  | 276              | 2                   | 3,500                           | —                    | —                | —                   | —                               | 11                 | 533              | 4                   | 13,200                          |
| Osborne.....      | —                  | —                | —                   | —                               | 3                  | 95               | —                   | —                               | 2                  | 97               | —                   | —                               | —                    | —                | —                   | —                               | 19                 | 110              | —                   | —                               |
| Ottawa.....       | 4                  | 47               | 2                   | 3,500                           | —                  | —                | —                   | —                               | 3                  | 123              | —                   | —                               | —                    | —                | —                   | —                               | 11                 | 250              | —                   | 850                             |
| Osborne.....      | 1                  | 25               | —                   | —                               | —                  | —                | —                   | —                               | 1                  | 77               | —                   | —                               | —                    | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Phillips.....     | 1                  | 8                | —                   | —                               | —                  | —                | —                   | —                               | 1                  | 101              | —                   | —                               | —                    | —                | —                   | —                               | 7                  | 159              | —                   | —                               |
| Pottawatomie..... | 3                  | 93               | 1                   | 4,000                           | 7                  | 141              | 2                   | 5,000                           | 2                  | 215              | 1                   | 2,000                           | 2                    | 60               | 1                   | 400                             | 3                  | 202              | —                   | —                               |
| Pratt.....        | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                    | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Reno.....         | 4                  | 87               | 1                   | 3,000                           | 1                  | 35               | —                   | —                               | 3                  | 175              | —                   | —                               | —                    | —                | —                   | —                               | 10                 | 200              | —                   | —                               |
| Republic.....     | 2                  | 59               | 2                   | 3,000                           | —                  | —                | —                   | —                               | 3                  | 75               | —                   | —                               | —                    | —                | —                   | —                               | 10                 | 300              | 2                   | 2,500                           |
| Rice.....         | 1                  | 20               | —                   | —                               | 1                  | 23               | 1                   | 3,000                           | 1                  | 40               | —                   | —                               | —                    | —                | —                   | —                               | 10                 | 300              | 2                   | 2,500                           |
| Riley.....        | 2                  | 97               | 1                   | 7,400                           | 3                  | 155              | 2                   | 4,500                           | 2                  | 79               | 1                   | 3,000                           | —                    | —                | —                   | —                               | 3                  | 288              | 2                   | 6,800                           |
| Rooks.....        | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | 25               | —                   | —                               | —                    | —                | —                   | —                               | 1                  | 80               | —                   | —                               |
| Rush.....         | —                  | —                | —                   | —                               | 1                  | 17               | —                   | —                               | —                  | —                | —                   | —                               | —                    | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Russell.....      | —                  | —                | —                   | —                               | 1                  | 28               | —                   | —                               | —                  | —                | —                   | —                               | —                    | —                | —                   | —                               | 3                  | 75               | —                   | —                               |
| Saline.....       | 2                  | 151              | 1                   | 6,000                           | 2                  | 48               | —                   | —                               | 1                  | 33               | 1                   | 1,800                           | —                    | —                | —                   | —                               | 8                  | 250              | 1                   | 5,000                           |
| Shawnee.....      | 3                  | 142              | 1                   | 1,000                           | 1                  | 14               | —                   | —                               | 5                  | 148              | 1                   | 3,500                           | 3                    | 46               | —                   | —                               | 2                  | 300              | 1                   | 4,000                           |
| Shawnee.....      | 3                  | 315              | 2                   | 9,000                           | 4                  | 299              | 4                   | 23,650                          | 8                  | 378              | 4                   | 34,200                          | 1                    | 25               | 1                   | 4,000                           | 6                  | 777              | 4                   | 22,800                          |
| Smith.....        | 3                  | 35               | —                   | —                               | 2                  | 26               | —                   | —                               | 2                  | 41               | —                   | —                               | —                    | —                | —                   | —                               | 5                  | 150              | —                   | —                               |
| Sumner.....       | 4                  | 80               | 1                   | 3,000                           | 1                  | 10               | —                   | —                               | 3                  | 75               | —                   | —                               | —                    | —                | —                   | —                               | 4                  | 100              | —                   | —                               |
| Wabasha.....      | —                  | —                | —                   | —                               | 3                  | 112              | 1                   | 3,500                           | 1                  | 30               | —                   | —                               | —                    | —                | —                   | —                               | 1                  | 178              | 1                   | 800                             |
| Wallace.....      | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                    | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Washington.....   | 2                  | 60               | 1                   | 3,000                           | —                  | —                | —                   | —                               | 5                  | 198              | —                   | —                               | —                    | —                | —                   | —                               | 3                  | 259              | —                   | 600                             |
| Wilson.....       | 1                  | 20               | 1                   | 2,500                           | 4                  | 154              | 2                   | 5,600                           | 6                  | 250              | 1                   | 400                             | 1                    | 20               | —                   | —                               | 30                 | 797              | 2                   | 6,500                           |
| Woodson.....      | 1                  | 75               | 1                   | 2,400                           | 2                  | 70               | —                   | —                               | 3                  | 110              | —                   | —                               | 3                    | 40               | —                   | —                               | 6                  | 200              | 1                   | 3,000                           |
| Wyandotte.....    | 1                  | 9                | —                   | —                               | 4                  | 132              | 1                   | 3,000                           | 5                  | 189              | 1                   | 1,500                           | —                    | —                | —                   | —                               | 6                  | 185              | 1                   | 3,000                           |
| Total.....        | 181                | 6,326            | 82                  | 370,300                         | 121                | 4,458            | 53                  | 256,550                         | 296                | 12,197           | 63                  | 246,650                         | 39                   | 1,313            | 14                  | 49,300                          | 631                | 22,696           | 96                  | 340,400                         |

\* Returns of 1874.



## SUMMARY, BY COUNTIES, OF CHURCH STATISTICS OF THE DENOMINATIONS NAMED.—CONTINUED.

| COUNTIES.        | EPISCOPAL.         |                  |                     |                                 | CATHOLIC.          |                  |                     |                                 | LUTHERAN.*         |                  |                     |                                 | UNIVERSALIST.*     |                  |                     |                                 |
|------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|
|                  | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. |
| Allen.....       | 1                  | 12               | —                   | 500                             | 4                  | 650              | 8                   | \$ 8,000                        | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Anderson.....    | 5                  | 10               | —                   | —                               | 5                  | 970              | 4                   | 10,000                          | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Atchison.....    | 1                  | 70               | 1                   | 22,000                          | 2                  | 1,800            | 2                   | 50,000                          | 8                  | 75               | 1                   | \$10,000                        | —                  | —                | —                   | —                               |
| Barbour.....     | —                  | —                | —                   | —                               | 1                  | 300              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Barton.....      | 1                  | 60               | —                   | —                               | 2                  | 950              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Barton.....      | 1                  | 10               | 1                   | 10,000                          | 3                  | 690              | 8                   | 10,000                          | —                  | —                | —                   | —                               | 1                  | 23               | —                   | —                               |
| Brown.....       | 1                  | —                | —                   | —                               | 2                  | 190              | 1                   | —                               | —                  | —                | —                   | —                               | 1                  | 20               | —                   | —                               |
| Buder.....       | —                  | —                | —                   | —                               | 4                  | 500              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Chautauqua.....  | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Chase.....       | 1                  | 12               | —                   | —                               | 2                  | 400              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Cherokee.....    | 1                  | 17               | —                   | —                               | 2                  | 300              | 1                   | 1,000                           | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Clay.....        | 1                  | 15               | —                   | —                               | 2                  | 200              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Cloud.....       | 1                  | 8                | —                   | —                               | 4                  | 1,000            | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Coiley.....      | 1                  | 46               | 1                   | 8,000                           | 2                  | 350              | —                   | 900                             | —                  | —                | —                   | —                               | 1                  | 17               | —                   | —                               |
| Comanche.....    | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Cowley.....      | —                  | —                | —                   | —                               | 2                  | 300              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Crawford.....    | 1                  | 19               | 1                   | 1,000                           | 3                  | 320              | 2                   | 1,200                           | —                  | —                | —                   | —                               | 1                  | 9                | —                   | —                               |
| Davis.....       | 1                  | 40               | 1                   | 12,000                          | 3                  | 500              | 2                   | 4,000                           | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Dickinson.....   | —                  | 6                | —                   | —                               | 3                  | 500              | —                   | —                               | 1                  | 33               | —                   | —                               | 1                  | 15               | 1                   | \$ 1,800                        |
| Doniphan.....    | 2                  | 16               | —                   | —                               | 7                  | 1,025            | 3                   | 5,000                           | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Douglas.....     | 1                  | 140              | 1                   | 35,000                          | 6                  | 1,270            | 5                   | 15,000                          | 1                  | 55               | 1                   | 6,500                           | 1                  | 40               | 1                   | 15,000                          |
| Edwards.....     | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Elk.....         | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Ellis.....       | —                  | —                | —                   | —                               | 2                  | 305              | —                   | 600                             | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Elsworth.....    | 1                  | 16               | 1                   | 1,000                           | 3                  | 280              | 1                   | 900                             | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Ford.....        | —                  | —                | —                   | —                               | 2                  | 180              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Franklin.....    | —                  | 10               | —                   | —                               | 4                  | 310              | 1                   | 500                             | 2                  | 39               | —                   | —                               | —                  | —                | —                   | —                               |
| Greenwood.....   | 1                  | 20               | 1                   | 1,000                           | 3                  | 700              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Harper.....      | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Harvey.....      | —                  | 7                | —                   | —                               | 2                  | 400              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Howard.....      | 1                  | 8                | —                   | —                               | 3                  | 480              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Jackson.....     | 1                  | 9                | 1                   | 1,000                           | 2                  | 240              | 1                   | 800                             | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Jefferson.....   | 1                  | 7                | 1                   | 3,500                           | 3                  | 600              | —                   | —                               | 1                  | 40               | 1                   | 3,000                           | —                  | —                | —                   | —                               |
| Jewell.....      | —                  | —                | —                   | —                               | 2                  | 150              | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Johnson.....     | —                  | 9                | —                   | —                               | 5                  | 860              | 5                   | 3,000                           | —                  | —                | —                   | —                               | 1                  | 17               | —                   | —                               |
| Kingman.....     | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Labette.....     | 1                  | 16               | 1                   | 5,000                           | 1                  | 300              | 1                   | 900                             | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Leavenworth..... | 2                  | 103              | 2                   | 30,000                          | 9                  | 4,850            | 6                   | 220,000                         | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Lincoln.....     | —                  | —                | —                   | —                               | 2                  | 70               | —                   | —                               | —                  | —                | —                   | —                               | —                  | —                | —                   | —                               |
| Linn.....        | 6                  | —                | —                   | —                               | 3                  | 95               | —                   | —                               | —                  | —                | —                   | —                               | 1                  | 20               | —                   | —                               |

\* No history of missionary work furnished.

## SUMMARY, BY COUNTIES, OF CHURCH STATISTICS OF THE DENOMINATIONS NAMED.—CONCLUDED.

| COUNTIES.         | EPISCOPAL.         |                  |                     |                                 | CATHOLIC.          |                  |                     |                                 | LUTHERAN.*         |                  |                     |                                 | UNIVERSALIST.*     |                  |                     |                                 |
|-------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|--------------------|------------------|---------------------|---------------------------------|
|                   | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. | ORGANIZA-<br>TION. | MEMBER-<br>SHIP. | CHURCH<br>EDIFICES. | VALUE OF<br>CHURCH<br>PROPERTY. |
| Lyon.....         | 1                  | 29               | 1                   | \$4,000                         | 5                  | 350              | 2                   | \$2,500                         | 3                  | 61               |                     |                                 |                    |                  |                     |                                 |
| Marion.....       | 2                  | 30               | 1                   | 3,500                           | 6                  | 418              | 2                   | 1,000                           | 4                  | 58               | 2                   | \$3,250                         |                    |                  |                     |                                 |
| Marshall.....     | 1                  | 8                |                     |                                 | 2                  | 140              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| McPherson.....    | 1                  | 8                |                     |                                 | 1                  | 200              | 1                   | 2,000                           |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Miami.....        | 1                  | 30               | 1                   | 4,000                           | 3                  | 230              | 1                   | 2,000                           |                    |                  |                     |                                 | 1                  | 88               |                     |                                 |
| Monterey.....     | 1                  | 30               | 1                   |                                 | 3                  | 410              | 2                   | 2,000                           |                    |                  |                     |                                 | 1                  | 20               |                     |                                 |
| Morris.....       | 1                  | 6                |                     |                                 | 2                  | 130              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Nemaha.....       | 1                  | 15               | 1                   | 1,000                           | 5                  | 615              | 1                   | 2,000                           |                    |                  |                     |                                 | 1                  | 25               | 1                   | \$9,800                         |
| Neosho.....       | 1                  | 15               | 1                   |                                 | 6                  | 3,435            | 1                   | 20,000                          |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Ness.....         |                    |                  |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Norton.....       |                    |                  |                     |                                 | 2                  | 250              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Osage.....        |                    | 9                |                     |                                 | 5                  | 700              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Osborne.....      |                    | 6                |                     |                                 | 1                  | 200              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Ottawa.....       |                    | 5                |                     |                                 | 3                  | 300              |                     |                                 |                    |                  |                     |                                 | 1                  | 30               | 1                   | 1,300                           |
| Pawnee.....       |                    |                  |                     |                                 | 3                  | 300              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Phillips.....     |                    | 8                |                     |                                 | 3                  | 50               |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Pottawatomie..... | 1                  | 8                |                     |                                 | 3                  | 2,250            | 3                   | 20,000                          |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Pratt.....        |                    |                  |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Reno.....         |                    | 7                |                     |                                 | 2                  | 330              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Republic.....     |                    | 4                |                     |                                 | 3                  | 190              |                     |                                 | 2                  | 31               | 2                   | 3,500                           |                    |                  |                     |                                 |
| Rice.....         |                    |                  |                     |                                 | 3                  | 125              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Riley.....        | 1                  | 75               | 1                   | 9,000                           | 5                  | 450              | 2                   | 900                             |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Rooks.....        |                    |                  |                     |                                 | 1                  | 40               |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Rush.....         |                    | 7                |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Russell.....      |                    | 14               | 1                   | 3,000                           | 1                  | 140              |                     |                                 | 3                  | 24               | 1                   | 4,500                           |                    |                  |                     |                                 |
| Saline.....       | 1                  | 10               |                     | 500                             | 3                  | 500              |                     | 4,000                           | 2                  | 43               | 1                   | 4,500                           |                    |                  |                     |                                 |
| Sedgewick.....    | 1                  | 10               |                     | 500                             | 2                  | 500              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Shawnee.....      | 2                  | 117              | 2                   | 13,000                          | 6                  | 1,000            | 2                   | 15,000                          | 1                  | 30               | 1                   | 5,500                           | 1                  | 15               |                     |                                 |
| Smith.....        |                    |                  |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Sumner.....       |                    |                  |                     |                                 | 4                  | 500              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Wabunsee.....     |                    | 7                |                     |                                 | 3                  | 230              | 1                   | 500                             | 2                  | 35               |                     |                                 |                    |                  |                     |                                 |
| Wallace.....      |                    |                  |                     |                                 | 1                  | 100              |                     |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Washington.....   |                    | 5                |                     |                                 | 4                  | 500              | 2                   | 1,000                           |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Wilson.....       |                    |                  |                     |                                 | 3                  | 350              | 1                   |                                 |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Woodson.....      |                    | 8                |                     |                                 | 1                  | 100              |                     |                                 |                    |                  |                     |                                 | 1                  | 11               |                     |                                 |
| Wyandotte.....    | 1                  | 39               | 1                   | 5,000                           | 4                  | 1,000            | 2                   | 10,000                          |                    |                  |                     |                                 |                    |                  |                     |                                 |
| Total.....        | 34                 | 1,136            | 22                  | \$173,000                       | 202                | 37,195           | 165                 | \$408,300                       | 25                 | 594              | 10                  | \$40,750                        | 14                 | 300              | 4                   | \$27,900                        |

\*No history of missionary work furnished.

| YEAR | Scale, \$500,000 to one Inch.                              | PERMANENT SCHOOL FUND. |                | EXPLANATION.                       |
|------|------------------------------------------------------------|------------------------|----------------|------------------------------------|
| 1866 |                                                            |                        | \$28,650.00    |                                    |
| 1867 |                                                            |                        | \$95,375.00    | The black lines at the left of the |
| 1868 |                                                            |                        | \$160,950.00   | perpendicular line, dividing the   |
| 1869 |                                                            |                        | \$289,450.00   | colors, show the permanent         |
| 1870 |                                                            |                        | \$441,325.00   | School Fund.                       |
| 1871 |                                                            |                        | \$550,575.00   |                                    |
| 1872 |                                                            |                        | \$759,195.99   |                                    |
| 1873 |                                                            |                        | \$1,003,761.99 |                                    |
| 1874 |                                                            |                        | \$1,083,526.41 |                                    |
| 1875 |                                                            |                        | \$1,161,913.74 |                                    |
| 1862 | Diagram showing Annual School Fund in Thousands.           |                        |                |                                    |
| 1863 | The left is Interest on Permanent School Fund; the         |                        |                |                                    |
| 1864 | centre, Mill Tax; the right, Interest on Unpaid Principal. |                        |                |                                    |
| 1865 |                                                            |                        |                |                                    |
| 1866 |                                                            |                        |                |                                    |
| 1867 | 8                                                          |                        |                |                                    |
| 1868 | 26                                                         |                        |                |                                    |
| 1869 | 36                                                         |                        |                |                                    |
| 1870 | 43                                                         |                        |                |                                    |
| 1871 | 54                                                         |                        |                |                                    |
| 1872 | 74                                                         |                        |                |                                    |
| 1873 | 80                                                         |                        |                |                                    |
| 1874 | 85                                                         |                        |                |                                    |
| 1875 | 114                                                        |                        |                |                                    |

| Diagram showing the relative Membership and Value of Church Property, in Kansas, of the Denominations named. |            |                          |                             |
|--------------------------------------------------------------------------------------------------------------|------------|--------------------------|-----------------------------|
| DENOMINATIONS                                                                                                | MEMBERSHIP | VALUE OF CHURCH PROPERTY | Scale, 100,000 to one Inch. |
| Presbyterian                                                                                                 | 6,826      | \$370,300                |                             |
| Congregational                                                                                               | 4,458      | \$256,550                |                             |
| Baptist                                                                                                      | 12,197     | \$240,690                |                             |
| United Presbyterian                                                                                          | 1,313      | \$49,200                 |                             |
| Methodist                                                                                                    | 22,696     | \$340,400                |                             |
| Episcopal                                                                                                    | 1,136      | \$173,000                |                             |
| Catholic                                                                                                     | 37,198     | \$408,300                |                             |
| Lutheran                                                                                                     | 524        | \$40,750                 |                             |
| Universalist                                                                                                 | 300        | \$27,800                 |                             |

DRAWN BY H. M. MONTAGUE &amp; CO., CHICAGO.

TABLE showing the Number of Taxable and Cultivated Acres in Kansas in 1875, by counties; the per cent. of Cultivated to Taxable Acres, and the Increase and Decrease of Cultivated Acres during the year.

| COUNTIES.    | TAXABLE ACRES. | ACRES UNDER CULTIVATION. | PER CENT. OF CULTIVATED TO TAXABLE ACRES. | INCREASE IN CULTIVATED ACRES DURING THE YEAR. | DECREASE IN CULTIVATED ACRES DURING THE YEAR. |
|--------------|----------------|--------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Allen        | 307,743        | 70,878.55                | 23.03                                     | 2,380.55                                      |                                               |
| Anderson     | 333,273        | 45,788.93                | 14.03                                     |                                               | 1,989.07                                      |
| Atchison     | 285,948        | 101,113.00               | 35.03                                     | 58,120.00                                     |                                               |
| Barbour      | 2,920          | 1,411.00                 | 48.32                                     | 1,411.00                                      |                                               |
| Barton       | 215,198        | 13,161.98                | 6.11                                      | 7,127.98                                      |                                               |
| Bourbon      | 392,802        | 147,689.08               | 37.52                                     | 48,175.08                                     |                                               |
| Brown        | 328,886        | 137,028.87               | 41.66                                     | 13,688.87                                     |                                               |
| Butler       | 547,241        | 95,173.23                | 17.39                                     | 23,592.23                                     |                                               |
| Chautauqua   | 170,459        | 55,772.50                | 32.71                                     | 8,700.00                                      |                                               |
| Chase        | 406,203        | 31,811.82                | 7.67                                      | 7,183.82                                      |                                               |
| Cherokee     | 369,739        | 128,165.13               | 34.12                                     | 26,727.13                                     |                                               |
| Clay         | 142,538        | 78,673.81                | 55.27                                     | 30,538.81                                     |                                               |
| Cloud        | 119,870        | 85,211.42                | 71.08                                     | 32,167.42                                     |                                               |
| Coffey       | 385,931        | 59,768.11                | 16.00                                     |                                               | 1,048.89                                      |
| Cowley       | 353,923        | 101,308.33               | 28.22                                     | 32,180.33                                     |                                               |
| Crawford     | 373,872        | 117,954.00               | 31.52                                     | 30,760.00                                     |                                               |
| Davis        | 116,708        | 30,181.37                | 26.33                                     | 7,336.37                                      |                                               |
| Dickinson    | 281,049        | 71,011.12                | 25.26                                     | 19,124.12                                     |                                               |
| Doniphan     | 234,339        | 106,430.50               | 49.68                                     | 12,413.50                                     |                                               |
| Douglas      | 291,434        | 147,923.75               | 50.75                                     | 38,779.75                                     |                                               |
| Edwards      | 143,961        | 1,166.50                 | .81                                       | 1,166.50                                      |                                               |
| Elk          | 157,228        | 48,071.93                | 30.57                                     | 7,540.43                                      |                                               |
| Ellis        | 35,544         | 1,391.75                 | 3.91                                      |                                               | 277.25                                        |
| Ellsworth    | 38,373         | 9,810.26                 | 25.56                                     | 2,844.26                                      |                                               |
| Ford         | 120,061        | 84.12                    | .07                                       |                                               | 10.88                                         |
| Franklin     | 346,923        | 123,620.24               | 35.65                                     | 58,177.24                                     |                                               |
| Greenwood    | 527,553        | 57,855.84                | 10.96                                     | 14,139.34                                     |                                               |
| Harvey       | 219,173        | 73,890.62                | 33.68                                     | 51,474.62                                     |                                               |
| Jackson      | 329,963        | 90,738.76                | 27.50                                     | 2,985.76                                      |                                               |
| Jefferson    | 351,758        | 139,924.19               | 39.77                                     | 20,734.19                                     |                                               |
| Jewell       | 76,216         | 71,308.95                | 93.37                                     | 13,171.95                                     |                                               |
| Johnson      | 259,749        | 145,664.49               | 56.79                                     | 16,898.49                                     |                                               |
| Labette      | 401,918        | 139,688.14               | 34.75                                     | 26,167.14                                     |                                               |
| Leavenworth  | 284,276        | 134,317.46               | 47.24                                     | 17,371.46                                     |                                               |
| Lincoln      | 44,112         | 16,616.27                | 37.66                                     | 1,962.27                                      |                                               |
| Linn         | 364,380        | 106,789.06               | 29.08                                     | 16,883.06                                     |                                               |
| Lyon         | 446,051        | 75,119.23                | 16.84                                     | 12,075.23                                     |                                               |
| Marion       | 493,806        | 34,884.76                | 7.06                                      | 10,304.76                                     |                                               |
| Marshall     | 420,096        | 83,465.55                | 19.40                                     | 11,263.55                                     |                                               |
| McPherson    | 198,012        | 75,419.90                | 38.08                                     | 43,134.90                                     |                                               |
| Miami        | 363,768        | 156,436.12               | 43.03                                     | 14,712.12                                     |                                               |
| Mitchell     | 76,038         | 29,539.41                | 52.00                                     | 5,749.41                                      |                                               |
| Montgomery   | 362,917        | 120,061.03               | 33.06                                     | 26,493.03                                     |                                               |
| Morris       | 257,266        | 60,115.78                | 23.32                                     | 40,998.78                                     |                                               |
| Nemaha       | 432,401        | 83,714.84                | 19.36                                     | 22,930.84                                     |                                               |
| Neosho       | 357,944        | 137,721.45               | 38.47                                     | 67,047.45                                     |                                               |
| Norton       | 3,820          | 4,799.50                 | 125.63                                    | 1,643.50                                      |                                               |
| Osage        | 429,638        | 91,576.04                | 21.31                                     | 4,045.04                                      |                                               |
| Osborne      | 38,691         | 26,252.11                | 67.85                                     | 4,193.11                                      |                                               |
| Ottawa       | 177,875        | 36,042.16                | 20.26                                     | 19,113.16                                     |                                               |
| Pawnee       | 220,019        | 4,529.50                 | 2.05                                      | 3,077.50                                      |                                               |
| Phillips     | 19,557         | 16,698.69                | 85.41                                     | 5,250.69                                      |                                               |
| Pottawatomie | 361,067        | 87,380.13                | 24.20                                     | 24,123.13                                     |                                               |
| Reno         | 331,560        | 55,792.12                | 16.82                                     | 17,897.12                                     |                                               |
| Republic     | 122,681        | 86,742.73                | 70.73                                     | 25,989.73                                     |                                               |
| Rice         | 200,092        | 22,023.01                | 11.00                                     | 9,636.01                                      |                                               |
| Riley        | 217,909        | 57,607.23                | 26.43                                     | 19,065.23                                     |                                               |
| Rooks*       | 2,756          |                          |                                           |                                               | * 8,285.00                                    |
| Rush         | 64,039         | 1,763.00                 | 2.75                                      | 1,763.00                                      |                                               |
| Russell      | 31,360         | 6,407.54                 | 20.43                                     | 6,407.54                                      |                                               |
| Saline       | 299,274        | 65,569.79                | 21.90                                     | 10,829.79                                     |                                               |
| Sedgwick     | 392,831        | 58,367.75                | 14.85                                     | 14,978.75                                     |                                               |
| Shawnee      | 346,276        | 87,268.14                | 25.20                                     | 3,348.14                                      |                                               |
| Smith        | 31,719         | 31,596.12                | 99.60                                     | 7,825.12                                      |                                               |
| Sumner       | 284,715        | 39,728.96                | 13.96                                     | 4,363.96                                      |                                               |
| Wabawnee     | 417,629        | 41,299.04                | 9.89                                      | 6,266.04                                      |                                               |
| Washington   | 285,733        | 80,656.21                | 28.29                                     | 14,751.21                                     |                                               |
| Wilson       | 273,750        | 106,162.87               | 38.78                                     | 17,770.87                                     |                                               |
| Woodson      | 262,177        | 47,863.81                | 18.25                                     | 5,760.81                                      |                                               |
| Wyandotte    | 90,500         | 43,424.58                | 47.97                                     | 13,964.58                                     |                                               |
| Total        | 17,672,187     | 4,749,900.89             | 26.87                                     | 1,091,741.28                                  | 11,611.09                                     |

\* No returns of cultivated average for 1875.

No returns from Comanche, Harper, Kingman, Ness, Pratt, and Wallace

## MANUFACTORIES.

The following is a list of the principal manufactories returned this year. This list is exclusive of breweries and cigar manufactories, machine shops of the different railroads, and the minor industries. The returns of 1874 are placed in comparison. It will be seen that there has been a large increase during the year:

|                                                                                                    | 1875. | 1874. |
|----------------------------------------------------------------------------------------------------|-------|-------|
| Water Power Saw Mills.....                                                                         | 31    | 15    |
| Steam Saw Mills.....                                                                               | 97    | 80    |
| Water Power Flour Mills.....                                                                       | 79    | 80    |
| Steam Flour Mills.....                                                                             | 112   | 59    |
| Wind Power Flour Mills.....                                                                        | 10    | ..... |
| Water Power Saw and Grist Mills.....                                                               | 26    | 13    |
| Steam Saw and Grist Mills.....                                                                     | 56    | 14    |
| Furniture and Cabinet Factories.....                                                               | 30    | 13    |
| Foundries and Rolling Mills.....                                                                   | 12    | 5     |
| Woolen Factories.....                                                                              | 6     | 6     |
| Miscellaneous, embracing Oil Factories, Cheese Factories, Gypsum, Soap and Carriage Factories..... | 145   | 50    |
| Total.....                                                                                         | 604   | 305   |

STATEMENT showing the Number of Cigar Manufactories, and the Product, by Counties, for 1875.

| COUNTIES.        | No. OF FACTORIES. | PRODUCT.  | COUNTIES.         | No. OF FACTORIES. | PRODUCT.  |
|------------------|-------------------|-----------|-------------------|-------------------|-----------|
| Allen.....       | 2                 | 69,000    | Marshall.....     | 3                 | 173,950   |
| Atchison.....    | 3                 | 351,315   | Miami.....        | 1                 | 92,350    |
| Bourbon.....     | 1                 | 883,890   | Montgomery.....   | 3                 | 92,600    |
| Cherokee.....    | 1                 | 135,400   | Pottawatomie..... | 1                 | 12,500    |
| Clay.....        | 1                 | 1,000     | Riley.....        | 1                 | 4,350     |
| Davis.....       | 1                 | 17,350    | Same.....         | 2                 | 111,300   |
| Douglas.....     | 1                 | 206,540   | Sedgwick.....     | 1                 | 14,550    |
| Franklin.....    | 1                 | 227,475   | Shawnee.....      | 1                 | 363,794   |
| Johnson.....     | 1                 | 77,338    | Washington.....   | 1                 | 4,000     |
| Leavenworth..... | 20                | 2,306,700 | Wyandotte.....    | 3                 | 185,000   |
| Lyon.....        | 1                 | 128,550   |                   |                   |           |
|                  |                   |           | Total.....        | 71                | 4,916,903 |

STATEMENT showing the Number of Breweries and the Product of the same, by Counties, for 1875.

| COUNTIES.        | No. OF BREWERIES. | BARRELS. | COUNTIES.       | No. OF BREWERIES. | BARRELS. |
|------------------|-------------------|----------|-----------------|-------------------|----------|
| Allen.....       | 2                 | 300      | Marshall.....   | 1                 | 350      |
| Atchison.....    | 2                 | 4,044    | Miami.....      | 1                 | 449      |
| Bourbon.....     | 1                 | 1,550    | Mitchell.....   | 1                 | 123      |
| Cherokee.....    | 1                 | 1,530    | Montgomery..... | 1                 | 386      |
| Cloud.....       | 1                 | 257      | Nemaha.....     | 1                 | 125      |
| Coffey.....      | 1                 | 212      | Neosho.....     | 1                 | 70       |
| Cowley.....      | 1                 | 80       | Reno.....       | 1                 | 77       |
| Davis.....       | 1                 | 358      | Riley.....      | 1                 | 746      |
| Doniphan.....    | 2                 | 113      | Sedgwick.....   | 2                 | 1,000    |
| Douglas.....     | 3                 | 1,169    | Shawnee.....    | 2                 | 1,975    |
| Labette.....     | 1                 | 143      | Washington..... | 1                 | 105      |
| Leavenworth..... | 5                 | 11,749   | Wyandotte.....  | 1                 | 616      |
| Lyon.....        | 1                 | 540      |                 |                   |          |
|                  |                   |          | Total.....      | 37                | 28,017   |

### BANKS AND BANKERS.

Pursuing the path entered upon in our last report, we continue herewith the statistics of banks and bankers, believing, as we then said, that "familiarity with such statistics will not only shed light upon the path of industry, but make more plain the duty of the citizen, in the higher and more responsible capacity of citizen-sovereign. It will serve to give the popular mind and public judgment steadiness and wisdom upon the great financial and social problems involved in political action, protecting them from the demagogue and charlatan, whose business it is to mislead the thoughtless and betray the trustful. The question of banking, and the increase and decrease of real and representative currency; the process by which money accumulates in commercial centres, and again finds its way back into rural circulation; the relations of these to, and their influence upon, the value of labor upon the farm and in the workshop, are all matters of moment to every farmer, mechanic and business man. And when these, and kindred subjects, are woven into the daily life-study of the masses, we shall have entered upon the true path to high attainment in our respective professions."

Since the issue of that report, monied stringency and commercial derangement have been so general, and so oppressive, as to give full play to the genius of demagoguery in solution of the tangled problem and ingenious devices for escape from its consequences. It has been a period, above all others, when the wisdom and broad-based intelligence, resting upon a study and familiarity with the great common law of business, was a prime necessity, and would have saved much of bewilderment and loss.

The pulsations of commerce and business are soonest felt in the money market, as money is the true measure of all such transactions. We ask, then, for the statement of capital and deposits of banks in our State, a careful perusal. One thing, at least, will be made clear by them, that the absence of money in the pockets of the multitude, does not prove that the money necessary to make such pockets plethoric does not exist. The provoking fact is thrust in our face, that just at the time when we were in such distress for money, and praying Congress to start money printing machines to meet our wants—when the wise (?) men of our day were telling us that there was "absolutely no money" in the country wherewith to transact its business, there was lying in our banks a larger aggregate of money than before or since.

During a period when our farmers had nothing to sell, and many were compelled to buy bread; when the merchant and mechanic could not pay their creditors, because they were neither paid nor patronized by the public, there seems to have been no falling off, but a marked increase of accumulations in the form of bank deposits.

Since then our abundant harvest has quickened the pulsations of trade, and no available purchasing point for grain or stock has been without the currency to pay for all that was offered, and this, as will be seen by a glance at the table of comparative capital and deposits, with but a small falling off of deposits.

We leave the facts with the reader, and allow him to make his own deductions therefrom.

Circulars have been sent to each National Bank in the State, with a request for a statement of deposits during the year, for the purpose of making our tables of bank statistics complete for the year, but up to the time of going to press we have not received statements enough to enable us to make a showing. We must therefore omit the same, and refer the reader to the enumeration of National banks and their capital, in the Industries, by Counties, in another part of this report.

STATEMENT, showing by Counties, the Number of Banks other than National, Capital and Deposits, for the period of six months, ending May 31, 1875.

| COUNTIES.         | No. OF BANKS. | FOR SIX MONTHS, ENDING MAY 31ST, 1875. |           | COUNTIES.           | No. OF BANKS. | FOR SIX MONTHS, ENDING MAY 31ST, 1875. |           |
|-------------------|---------------|----------------------------------------|-----------|---------------------|---------------|----------------------------------------|-----------|
|                   |               | CAPITAL.                               | DEPOSITS. |                     |               | CAPITAL.                               | DEPOSITS. |
| Allen .....       | 3             | \$ 25,166                              | \$ 51,977 | Linn .....          | 3             | \$ 22,000                              | \$ 56,838 |
| Anderson .....    | 2             | 31,760                                 | 59,399    | Lyon* .....         | .....         | .....                                  | .....     |
| Atchison .....    | 3             | 127,840                                | 147,443   | Marion* .....       | .....         | .....                                  | .....     |
| Barton* .....     | .....         | .....                                  | .....     | Marshall .....      | 3             | 48,838                                 | 34,023    |
| Brown* .....      | .....         | .....                                  | .....     | Mitchell* .....     | .....         | .....                                  | .....     |
| Butler* .....     | .....         | .....                                  | .....     | Montgomery .....    | 6             | 65,564                                 | 130,638   |
| Chase* .....      | .....         | .....                                  | .....     | Nemaha .....        | 3             | 15,744                                 | 32,237    |
| Cherokee .....    | 3             | 17,820                                 | 3,353     | Neosho .....        | 3             | 20,422                                 | 13,098    |
| Clay* .....       | .....         | .....                                  | .....     | Osage .....         | 2             | 30,800                                 | 37,699    |
| Cowley .....      | 4             | 51,300                                 | 88,100    | Pottawatomie* ..... | .....         | .....                                  | .....     |
| Crawford* .....   | .....         | .....                                  | .....     | Reno* .....         | .....         | .....                                  | .....     |
| Davis* .....      | .....         | .....                                  | .....     | Riley .....         | 2             | 25,000                                 | 54,460    |
| Dickinson* .....  | .....         | .....                                  | .....     | Saline* .....       | .....         | .....                                  | .....     |
| Doniphan .....    | 2             | 14,146                                 | 18,846    | Sedgwick .....      | 3             | 65,000                                 | 97,064    |
| Douglas .....     | 3             | 113,250                                | 155,944   | Shawnee .....       | 7             | 311,969                                | 349,888   |
| Ellsworth* .....  | .....         | .....                                  | .....     | Sumner* .....       | .....         | .....                                  | .....     |
| Franklin* .....   | .....         | .....                                  | .....     | Wabauunsee* .....   | .....         | .....                                  | .....     |
| Greenwood* .....  | .....         | .....                                  | .....     | Washington* .....   | .....         | .....                                  | .....     |
| Harvey .....      | 2             | 10,000                                 | 27,943    | Wilson .....        | 3             | 49,738                                 | 15,834    |
| Howard* .....     | .....         | .....                                  | .....     | Woodson* .....      | .....         | .....                                  | .....     |
| Jackson .....     | 4             | 5,584                                  | 14,173    | Wyandotte* .....    | .....         | .....                                  | .....     |
| Jefferson .....   | 4             | 91,881                                 | 63,881    | 23 counties, 1      | .....         | .....                                  | .....     |
| Johnson .....     | 3             | 26,220                                 | 47,463    | bank each .....     | 23            | 243,107                                | 379,960   |
| Labette .....     | 3             | 64,705                                 | 84,073    | .....               | .....         | .....                                  | .....     |
| Leavenworth ..... | 4             | 92,160                                 | 412,057   | .....               | .....         | .....                                  | .....     |
|                   |               |                                        |           | Total .....         | 97            | 1,569,964                              | 2,326,329 |

STATEMENT, showing by Counties, the Number of Banks, other than National, Capital and Deposits, for the six months, ending November 30th, 1875.

| COUNTIES.        | No. OF BANKS. | FOR SIX MONTHS, ENDING NOVEMBER 30, 1875. |           | COUNTIES.          | No. OF BANKS. | FOR SIX MONTHS, ENDING NOVEMBER 30, 1875. |             |
|------------------|---------------|-------------------------------------------|-----------|--------------------|---------------|-------------------------------------------|-------------|
|                  |               | CAPITAL.                                  | DEPOSITS. |                    |               | CAPITAL.                                  | DEPOSITS.   |
| Allen .....      | 2             | \$ 28,000                                 | \$ 45,354 | Leavenworth .....  | 4             | 84,956                                    | 409,852     |
| Anderson .....   | 2             | 31,760                                    | 76,693    | Linn .....         | 3             | 23,240                                    | 65,585      |
| Atchison .....   | 3             | 125,000                                   | 210,779   | Lyon* .....        | .....         | .....                                     | .....       |
| Barton* .....    | .....         | .....                                     | .....     | Marion* .....      | .....         | .....                                     | .....       |
| Brown* .....     | .....         | .....                                     | .....     | Marshall .....     | 3             | 47,621                                    | 32,645      |
| Butler* .....    | .....         | .....                                     | .....     | Mitchell* .....    | .....         | .....                                     | .....       |
| Chase* .....     | .....         | .....                                     | .....     | Montgomery .....   | 4             | 56,397                                    | 93,396      |
| Cherokee .....   | 2             | 8,500                                     | 23,008    | Nemaha .....       | 2             | 36,020                                    | 36,286      |
| Clay* .....      | .....         | .....                                     | .....     | Neosho .....       | 3             | 19,400                                    | 11,482      |
| Cowley .....     | 4             | 61,300                                    | 46,891    | Osage .....        | 2             | 30,800                                    | 31,716      |
| Crawford* .....  | .....         | .....                                     | .....     | Pawnee* .....      | .....         | .....                                     | .....       |
| Davis .....      | 2             | 25,461                                    | 74,024    | Pottawatomie ..... | 2             | 2,500                                     | 18,778      |
| Dickinson .....  | 2             | 613                                       | 21,948    | Reno* .....        | .....         | .....                                     | .....       |
| Doniphan .....   | 2             | 10,000                                    | 17,798    | Riley .....        | 2             | 25,000                                    | 62,113      |
| Douglas .....    | 3             | 112,250                                   | 159,642   | Saline* .....      | .....         | .....                                     | .....       |
| Ellsworth* ..... | .....         | .....                                     | .....     | Sedgwick .....     | 3             | 55,000                                    | 112,802     |
| Franklin* .....  | .....         | .....                                     | .....     | Shawnee .....      | 7             | 303,574                                   | 361,556     |
| Greenwood* ..... | .....         | .....                                     | .....     | Sumner* .....      | .....         | .....                                     | .....       |
| Harvey .....     | .....         | .....                                     | .....     | Wabauunsee .....   | .....         | .....                                     | .....       |
| Howard* .....    | .....         | .....                                     | .....     | Washington* .....  | .....         | .....                                     | .....       |
| Jackson .....    | 4             | 10,800                                    | 20,688    | Wilson .....       | 3             | 57,313                                    | 16,404      |
| Jefferson .....  | 4             | 92,245                                    | 58,939    | Wyandotte* .....   | .....         | .....                                     | .....       |
| Johnson .....    | 3             | 25,892                                    | 43,569    | 21 counties, 1     | .....         | .....                                     | .....       |
| Labette .....    | 3             | 73,433                                    | 91,086    | bank each .....    | 21*           | 218,531                                   | 312,482     |
|                  |               |                                           |           | Total .....        | 93            | \$1,575,606                               | \$2,453,061 |

\* Where but one bank is doing business in a county, it would not be justifiable to give capital and deposits. All such are aggregated in last line.



COMPARATIVE STATEMENT showing the average Capital and Deposits of Kansas Banks and Bankers, by months, during each period of six months ending May 31st, 1874, and May 31st, 1875, respectively, with Loss or Gain.

| BANKS.                       | MONTH OF DECEMBER. |             | MONTH OF JANUARY. |             | MONTH OF FEBRUARY |             |
|------------------------------|--------------------|-------------|-------------------|-------------|-------------------|-------------|
|                              | CAPITAL.           | DEPOSITS.   | CAPITAL.          | DEPOSITS.   | CAPITAL.          | DEPOSITS.   |
| Banks other than Nat'l, 1874 | \$1,490,166        | \$1,963,696 | \$1,517,872       | \$2,090,548 | \$1,499,551       | \$2,112,880 |
| " " " " 1875                 | 1,564,410          | 2,432,277   | 1,571,030         | 2,443,690   | 1,534,438         | 2,339,183   |
| Gain .....                   | \$ 74,244          | \$ 468,581  | \$ 53,158         | \$ 353,142  | \$ 34,887         | \$ 226,303  |
| Loss .....                   |                    |             |                   |             |                   |             |

COMPARATIVE STATEMENT showing the average Capital and Deposits of Kansas Banks and Bankers, etc.—Continued.

| BANKS.                       | MONTH OF MARCH. |             | MONTH OF APRIL. |             | MONTH OF MAY. |             |
|------------------------------|-----------------|-------------|-----------------|-------------|---------------|-------------|
|                              | CAPITAL.        | DEPOSITS.   | CAPITAL.        | DEPOSITS.   | CAPITAL.      | DEPOSITS.   |
| Banks other than Nat'l, 1874 | \$1,361,944     | \$1,954,301 | \$1,367,583     | \$2,174,675 | \$1,436,286   | \$2,381,512 |
| " " " " 1875                 | 1,539,061       | 2,359,645   | 1,550,644       | 2,367,868   | 1,563,862     | 2,352,646   |
| Gain .....                   | \$ 177,137      | \$ 405,344  | \$ 183,061      | \$ 213,213  | \$ 127,576    |             |
| Loss .....                   |                 |             |                 |             |               | \$ 28,966   |

COMPARATIVE STATEMENT showing the average Capital and Deposits of Kansas Banks and Bankers, by months, during each period of six months ending November 30th, 1874, and November 30th, 1875, respectively, with Loss or Gain.

| BANKS.                       | MONTH OF JUNE. |             | MONTH OF JULY. |             | MONTH OF AUGUST. |             |
|------------------------------|----------------|-------------|----------------|-------------|------------------|-------------|
|                              | CAPITAL.       | DEPOSITS.   | CAPITAL.       | DEPOSITS.   | CAPITAL.         | DEPOSITS.   |
| Banks other than Nat'l, 1874 | \$1,539,805    | \$2,008,575 | \$1,521,317    | \$2,452,382 | \$1,581,410      | \$2,446,423 |
| " " " " 1875                 | 1,583,173      | 2,331,333   | 1,604,812      | 2,430,076   | 1,579,576        | 2,406,128   |
| Gain .....                   | \$43,368       |             | \$83,495       | \$22,306    |                  |             |
| Loss .....                   |                | \$277,242   |                |             | \$1,534          | \$40,295    |

COMPARATIVE STATEMENT showing the average Capital and Deposits of Kansas Banks and Bankers, etc.—Concluded.

| BANKS.                       | MONTH OF SEPTEMBER. |             | MONTH OF OCTOBER. |             | MONTH OF NOVEMBER. |             |
|------------------------------|---------------------|-------------|-------------------|-------------|--------------------|-------------|
|                              | CAPITAL.            | DEPOSITS.   | CAPITAL.          | DEPOSITS.   | CAPITAL.           | DEPOSITS.   |
| Banks other than Nat'l, 1874 | \$1,610,840         | \$2,406,572 | \$1,630,434       | \$2,370,285 | \$1,647,591        | \$2,340,962 |
| " " " " 1875                 | 1,560,497           | 2,493,373   | 1,565,188         | 2,521,023   | 1,558,892          | 2,536,435   |
| Gain .....                   |                     | \$86,801    |                   | \$150,638   |                    | 195,473     |
| Loss .....                   | \$50,343            |             | \$65,246          |             | \$88,709           |             |

## POPULATION.

## CENTRE OF POPULATION.\*

By the centre of population is meant the point where the State would be at equilibrium were it considered as a plane without weight, but capable of sustaining weight, and in sustaining its population each person, in his respective position, considered as of equal gravity; or in other words, the centre of gravity of this plane, sustaining its population, considered as a solid.

We have two methods of finding this centre: one by computation, the other by experiment. In the first method we consider the population of each county concentrated at their respective geographical centres as forming the parts or molecules, as it were, of this solid, representing the population of the State sustained by a weightless plane.

The centre of gravity of the same may be computed by rules laid down in natural philosophy for the computation of the centre of gravity of solids.

In the second method, instead of imagining the population of the State sustained by a weightless plane, as in the foregoing, we represent the plane by some solid of uniform density and of the proper shape, as cardboard, of the exact shape of the map of the State, on a convenient scale, on which we paste a map of the State, by counties, on the same scale; at the centre of each county on this map we place weights. These weights on this cardboard represent the population of the counties, so that the weight of the weights and of cardboard at the centres of any two counties is to each other as their respective populations.

We may now find the centre of gravity of this solid by suspending it to a plumb line, with the solid in any two or more positions, marking in each case the exact course of the line on the cardboard. The intersection of these two or more courses will be the centre of gravity of the solid, and hence the location of the centre of gravity on the map and cardboard. That the latter method may be practicable, it is necessary to have decimal weights.

General Francis A. Walker, the Superintendent of the Ninth (1870) Census of the United States, gives the following method adopted by him in ascertaining the population of the United States. He says:

"Several different things may be covered by the phrase, 'centre of population,' but what is commonly intended is the point at which the equilibrium would be reached were the country taken as a plain surface, itself without weight, but capable of sustaining weight, and loaded with its inhabitants, in number and position, as they were found at the period under consideration, each individual being assumed to be of the same gravity as every other, and consequently to exert pressure on the pivotal point directly proportioned to the distance therefrom." \* \*

\* \* \* "The method taken is as follows: The population of each county was assumed to be concentrated at its geographical centre. The parallel of the 24th degree north latitude, and the meridian 67 west of Greenwich, were then chosen as convenient lines, being south and west respectively of all the population of the United States, to which to refer the local centres thus taken. The distances of these centres north of the former line, and west of the latter, were next ascertained. Distances westward were measured on parallels of latitude, and in degrees of latitude were referred to the parallel of the intermediate half degree. The population of each was thereupon multiplied successively into the corresponding distances thus obtained; and the aggregate of all products of population into distances northerly was divided by the aggregate population of the country to determine the latitude of the centre of population; and the aggregate of all products of population into distances westward was divided by the same aggregate population to determine the longitude of the centre of population."

\* See map on page 514, showing the centre of population for 1860, 1870 and 1875; also the number of persons to the square mile, by counties, for 1875.

The method of Mr. Walker was also taken in determining the centre of population for the State, except that the latitude of the northern boundary of the State, and longitude of the western boundary, were taken, and instead of computing the distances from the several geographical centres of counties to the said latitudinal and longitudinal lines (northern and western boundaries), the sectional lines were counted, producing substantially the same result.

These centres of population were established for 1860, 1870 and 1875. It will be seen that the centre from 1860 to 1870 traveled east fourteen miles on the same parallel of latitude. This will surprise many, but if the curious will take the census of those decennial periods and make a careful notation of the increase of population in the eastern counties, he will at once be convinced of its correctness. And in the same manner, if he will note on the map, by making a like comparison for 1870 and 1875, he will observe the remarkable tendency of population to the southwest, which has removed the centre to the northeasterly part of Lyon. The centres of population as thus established are as follows:

|       |                          |
|-------|--------------------------|
| 1860— | { Latitude, 38° 54' 56"  |
|       | { Longitude, 95° 24' 2"  |
| 1870— | { Latitude, 38° 54' 56"  |
|       | { Longitude, 95° 8' 33"  |
| 1875— | { Latitude, 38° 34' 43"  |
|       | { Longitude, 95° 59' 20" |

The computations were made by a student of the Lincoln school, of Topeka.

#### CENSUS OF 1875.

By reference to the following comparative tables, it will be seen that the population of the State in 1860 was 107,206; in 1870, 364,899: increase in ten years, 289 per cent., or 23.9 per cent. per annum. Population in 1875, 528,487: increase in five years, 30 per cent., or 6 per cent. per annum. The average annual increase in the United States, from 1860 to 1870, was 2.22 per cent.

On the first of March, 1874, the population of the State, as returned by the assessors, was 530,367. This included an estimated population of 1,950, as follows: Comanche, 250; Harper, 300; Kingman, 300; Ness, 200; Pratt, 300; Wallace, 600. These counties are not included in the official returns in the following tables. Deducting this estimated population of 1,950 from the official returns of 1874, we have 528,417. The official returns of this year, 528,349, show a decrease of 68 from 1874 to 1875. Owing to the locust visitations last fall, there was quite an emigration to other States to spend the winter. The census was taken on the first day of March, before our people returned, to any great extent. If the census had been taken on the first of May, instead of the first of March, several thousand would have been added to the population returns of the State.

As will be seen, by an examination of the election returns of 1874 and 1875, at the general election for representatives, in November, 1874, when the election was vigorously contested by all parties, the number of votes polled was 86,190. In November of this year, with a general apathy prevailing throughout the whole State, the number of votes polled for representatives was 91,764; an increase over the vote of the year before of 5,574. Assuming that each vote represents four persons, and we have 22,296. Deducting the decrease of 68, as shown by the tables, from the 22,296, and we have an increase during the past year of 22,228.

No one at all familiar with the election contests of the two years, will for a moment doubt that at least 5,000 more votes were polled in 1874 than in 1875, in proportion to the population. If this be so, the population during the past year has increased over 40,000. This is no fault of the census, as the enumeration was made on the first of March, while the election was held eight months later.

## FOURTH ANNUAL REPORT.

321

POPULATION of the Organized Counties for 1860, 1870, and 1875 (a).

| COUNTIES.      | 1875.  | 1870.  | 1860.  | WHEN ORGANIZED. | COUNTIES.    | 1875.   | 1870.   | 1860.   | WHEN ORGANIZED. |
|----------------|--------|--------|--------|-----------------|--------------|---------|---------|---------|-----------------|
| Allen          | 6,638  | 7,022  | 3,062  | 1855            | Lyon (d)     | 9,549   | 8,014   | 3,515   | 1858            |
| Anderson       | 5,809  | 5,220  | 2,400  | 1855            | Marion       | 5,907   | 798     | 74      | 1855            |
| Atchison       | 20,187 | 15,507 | 7,729  | 1855            | Marshall     | 10,822  | 6,901   | 2,290   | 1855            |
| Barbour        | 866    |        |        | 1873            | McPherson    | 6,205   | 738     |         | 1870            |
| Barton         | 2,099  | 2      |        | 1872            | Miami (f)    | 12,667  | 11,725  | 4,980   | 1855            |
| Bourbon        | 16,829 | 15,076 | 6,101  | 1855            | Mitchell     | 5,370   | 485     |         | 1870            |
| Brown          | 8,928  | 6,823  | 2,607  | 1855            | Montgomery   | 18,017  | 7,564   |         | 1859            |
| Butler         | 9,862  | 8,085  | 437    | 1855            | Morris       | 4,597   | 2,225   | 770     | 1855            |
| Chautauqua (e) |        |        |        | 1875            | Nemaha       | 7,104   | 7,339   | 2,426   | 1855            |
| Chase          | 3,116  | 1,975  | 1,046  | 1859            | Neosho (g)   | 11,076  | 10,206  | 88      | 1864            |
| Cherokee (b)   | 12,223 | 11,038 | 1,501  | 1866            | Neas (h)     |         | 2       |         | 1873            |
| Clay           | 6,672  | 2,942  | 163    | 1896            | Norton       | 899     |         |         | 1872            |
| Cloud          | 7,170  | 2,323  |        | 1866            | Osage        | 10,295  | 7,648   | 1,113   | 1859            |
| Coffey         | 7,235  | 6,201  | 2,842  | 1859            | Osborne      | 3,467   | 38      |         | 1871            |
| Comanche (h)   |        |        |        | 1873            | Ottawa       | 4,429   | 2,127   |         | 1866            |
| Cowley (c)     | 8,963  | 1,175  | 158    | 1870            | Pawnee       | 1,006   | 179     |         | 1872            |
| Crawford       | 9,386  | 8,160  |        | 1867            | Phillips     | 2,813   |         |         | 1872            |
| Davis          | 4,611  | 5,526  | 1,163  | 1855            | Pottawatomie | 10,344  | 7,948   | 1,529   | 1856            |
| Dickinson      | 6,841  | 8,043  | 878    | 1857            | Pratt (h)    |         |         |         | 1874            |
| Doniphan       | 13,143 | 13,969 | 8,063  | 1855            | Reno         | 5,112   |         |         | 1872            |
| Douglas        | 18,505 | 20,592 | 8,637  | 1855            | Republic     | 8,148   | 1,281   |         | 1869            |
| Edwards        | 234    |        |        | 1874            | Rice         | 2,453   | 5       |         | 1871            |
| Elk (e)        |        |        |        | 1875            | Riley        | 7,065   | 5,106   | 1,224   | 1855            |
| Ellis          | 940    | 1,336  |        | 1867            | Rooks (i)    | 567     |         |         | 1872            |
| Ellsworth      | 1,758  | 1,185  |        | 1867            | Rush         | 451     |         |         | 1874            |
| Fort           | 813    | 427    |        | 1873            | Russell (k)  | 1,032   | 156     |         | 1872            |
| Franklin       | 10,108 | 10,383 | 3,080  | 1855            | Saline       | 6,360   | 4,246   |         | 1859            |
| Greenwood (d)  | 6,433  | 3,484  | 1,077  | 1862            | Sedgwick     | 8,310   | 1,095   |         | 1870            |
| Harper (h)     |        |        |        | 1873            | Shawnee      | 15,417  | 13,121  | 3,513   | 1855            |
| Harvey         | 5,046  |        |        | 1872            | Smith        | 3,876   | 66      |         | 1872            |
| Howard (e)     | 13,632 | 2,794  | 19     | 1870            | Sumner       | 4,925   | 22      |         | 1871            |
| Jackson        | 6,681  | 6,053  | 1,936  | 1857            | Wabaunsee    | 4,649   | 3,362   | 1,023   | 1859            |
| Jefferson      | 11,716 | 12,526 | 4,459  | 1855            | Wallace (h)  |         | 598     |         | 1866            |
| Jewell         | 7,651  | 207    |        | 1870            | Washington   | 8,631   | 4,081   | 383     | 1860            |
| Johnson        | 14,580 | 13,684 | 4,364  | 1855            | Wilson       | 9,749   | 6,694   | 27      | 1865            |
| Kingman (h)    |        |        |        | 1873            | Woodson      | 4,476   | 3,827   | 1,488   | 1853            |
| Labette        | 14,571 | 9,973  |        | 1867            | Wyandotte    | 12,362  | 10,015  | 2,609   | 1859            |
| Leavenworth    | 27,696 | 32,444 | 12,606 | 1855            |              |         |         |         |                 |
| Lincoln        | 2,498  | 516    |        | 1870            |              |         |         |         |                 |
| Linn           | 11,546 | 12,174 | 6,336  | 1855            |              |         |         |         |                 |
|                |        |        |        |                 | Total        | 528,349 | 364,399 | 107,206 |                 |

(a) In comparing the census of 1860, 1870 and 1875, by counties, the names of the counties are given as they appear in 1874. Where names of counties have been changed, those last named are credited (with the exception of Howard, erected into Chautauqua and Elk by the last Legislature, see (e)), with the enumeration of previous years, to match their territory respectively as entitled. Where counties have been divided, and absorbed by others, a *pro rata* distribution has been made. This makes the comparative table complete for the State, as at present subdivided and organized into counties.

(b) February 23, 1858, McGee county was changed to Cherokee.

(c) Subsequent to the taking of the census of 1860, Hunter county was changed to Cowley.

(d) In 1862, Madison county was divided; the north part was allotted to Breckinridge, the south part to Greenwood, and Breckinridge was subsequently changed to Lyon. The population of Madison county in 1860 was 636. Upon the supposition that the county was equally divided, 318 have been added to each of the counties of Lyon and Greenwood.

(e) June 8, 1861, the name of Coffey county was changed to Seward, and subsequently Seward was changed to Howard. March 11, 1865, Howard county was divided from east to west, through the geographical centre, the north part being erected into Chautauqua, and the south into Elk county.

(f) June 2, 1861, the name of Lykins county was changed to Miami.

(g) June 3, 1861, the name of Dorn county was changed to Neosho.

The following is a list of unorganized counties: Arapahoe, Buffalo, Clark, Cheyenne, Decatur, Foote, Grant, Graham, Gove, Greeley, Hodgeman, Hamlin, Kansas, Kearney, Lane, Meade, Rush, Rawlins, Sequoyah, Stanton, Stevens, Seward, Sherman, Sheridan, Scott, Thomas, Trego, Wichita.

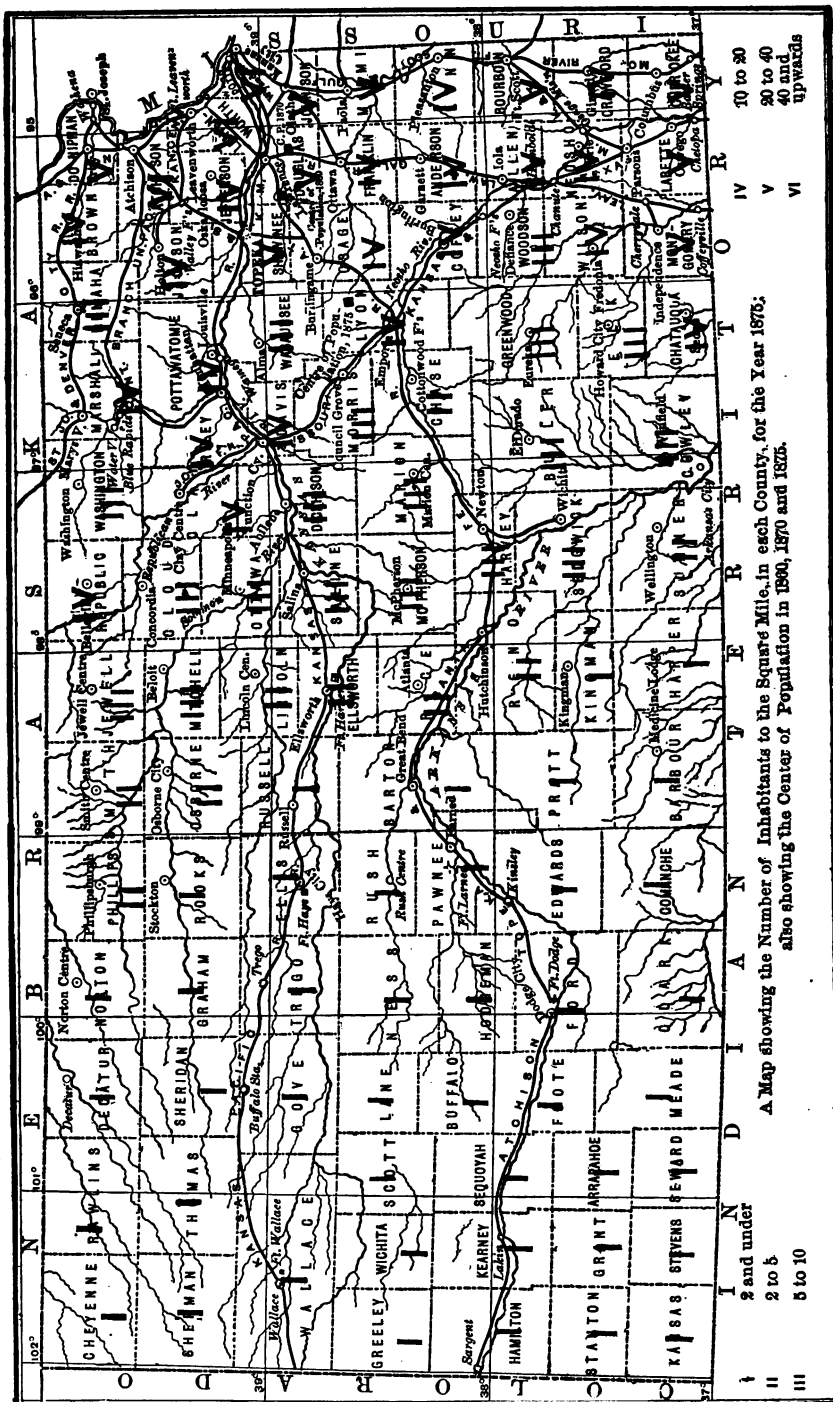
(h) It appears from the record in the office of the Secretary of State, that the counties of Comanche, Harper and Neas polled 819 votes at the general election of 1872. The counties of Kingman, Pratt and Wallace polled 423 votes in 1874. There have been no returns from these counties for 1875. Allowing four inhabitants to the voter, it will give to these counties, at the periods named, a population of 4,936.

(i) The census returns of population of Howard township, Elk county, were transmitted to the County Clerk for translation and copy on the 13th day of August last, at his request. Although repeatedly requested to return the same, he has neglected to do so. The population of Howard township in 1874 was 712, which is included in the population of Elk county, given above.

(k) After the census tables had been made up, complaint came from Russell county. A correspondence with the County Clerk elicited the fact that the rolls of the city of Russell had not been forwarded to this office at all. It came too late for insertion in the tables, as they were already in the printer's hands. The following is a synopsis of the returns from the city of Russell: Our tables show Russell county to have a population of 7,032. To this should be added the population of the city of Russell, 160, making the population of the county 7,192. Of this population of 160, all are white. There are 19 foreign males, and 14 foreign females; 70 native males, and 57 native females. 127 were born in the United States, 19 in Germany, 5 in Ireland, 4 in England, 1 in Scotland, 6 in Sweden, 1 in South of Europe, and 4 in British America; 1 emigrated from Colorado, 4 from Connecticut, 19 from Illinois, 6 from Indiana, 20 from Iowa, 8 from Maine, 1 from Michigan, 2 from Minnesota, 1 from Missouri, 1 from Nebraska, 5 from New York, 7 from Ohio, 10 from Pennsylvania, 1 from Virginia, 48 from Wisconsin, 3 from Scotland, and 96 were born in Kansas.

(l) Returns of 1874.

The unorganized counties contain a population of about 500.

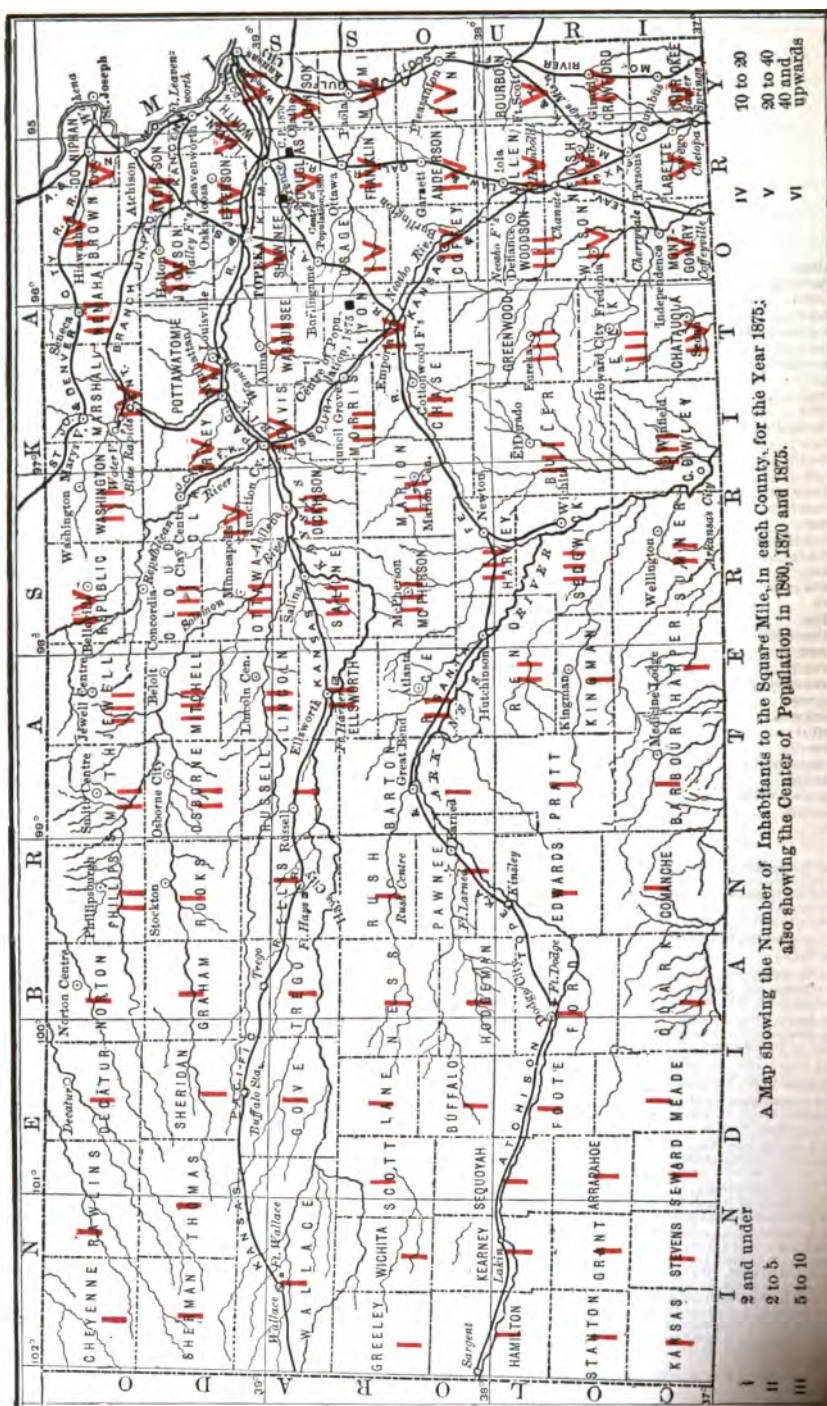


## FOURTH ANNUAL REPORT.

323

TABLE, showing, by counties, the Number and per cent, of Persons engaged in Agriculture, Professional and Personal Services, Trade and Transportation, and Manufactures and Mining, for 1875.

| COUNTIES.    | Engaged in Agriculture. | Engaged in Professional and Personal Services. | Engaged in Trade and Transportation. | Engaged in Manufactures and Mining. | Per cent. engaged in Agriculture. | Per cent. engaged in Professional and Personal Services. | Per cent. engaged in Trade and Transportation. | Per cent. engaged in Manufactures and Mining. |
|--------------|-------------------------|------------------------------------------------|--------------------------------------|-------------------------------------|-----------------------------------|----------------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Allen        | 1,353                   | 341                                            | 113                                  | 156                                 | 67.2+                             | 18.3+                                                    | 6.0+                                           | 8.3+                                          |
| Anderson     | 1,360                   | 197                                            | 82                                   | 127                                 | 75.9+                             | 11.6+                                                    | 4.8+                                           | 7.5+                                          |
| Atchison     | 1,910                   | 2,061                                          | 876                                  | 1,155                               | 31.7+                             | 34.5+                                                    | 14.5+                                          | 19.0+                                         |
| Barbour      | 98                      | 6                                              | 5                                    | 7                                   | 84.4+                             | 5.1+                                                     | 4.3+                                           | 5.0+                                          |
| Barton       | 559                     | 35                                             | 51                                   | 22                                  | 83.8+                             | 5.2+                                                     | 7.6+                                           | 8.2+                                          |
| Bourbon      | 2,516                   | 898                                            | 542                                  | 686                                 | 54.9+                             | 18.9+                                                    | 11.8+                                          | 14.9+                                         |
| Brown        | 1,926                   | 137                                            | 113                                  | 174                                 | 81.9+                             | 5.8+                                                     | 4.8+                                           | 7.4+                                          |
| Butler       | 2,186                   | 269                                            | 98                                   | 188                                 | 79.8+                             | 9.9+                                                     | 3.3+                                           | 6.8+                                          |
| Chautauqua   | 1,600                   | 91                                             | 46                                   | 133                                 | 86.5+                             | 4.8+                                                     | 2.4+                                           | 7.1+                                          |
| Chase        | 647                     | 76                                             | 41                                   | 89                                  | 75.8+                             | 8.9+                                                     | 4.8+                                           | 10.4+                                         |
| Cherokee     | 2,181                   | 358                                            | 156                                  | 333                                 | 72.0+                             | 11.9+                                                    | 5.1+                                           | 10.9+                                         |
| Clay         | 1,538                   | 64                                             | 63                                   | 90                                  | 87.6+                             | 3.6+                                                     | 3.5+                                           | 5.1+                                          |
| Cloud        | 1,626                   | 119                                            | 51                                   | 118                                 | 84.9+                             | 6.2+                                                     | 2.6+                                           | 6.1+                                          |
| Coffey       | 1,406                   | 128                                            | 96                                   | 175                                 | 77.8+                             | 7.0+                                                     | 5.3+                                           | 9.1+                                          |
| Cowley       | 1,969                   | 176                                            | 84                                   | 168                                 | 82.1+                             | 7.3+                                                     | 3.5+                                           | 7.0+                                          |
| Crawford     | 1,833                   | 174                                            | 109                                  | 201                                 | 79.1+                             | 7.5+                                                     | 4.7+                                           | 8.6+                                          |
| Davis        | 710                     | 277                                            | 102                                  | 146                                 | 57.4+                             | 22.4+                                                    | 8.2+                                           | 11.8+                                         |
| Dickinson    | 1,400                   | 90                                             | 97                                   | 164                                 | 79.9+                             | 5.1+                                                     | 5.5+                                           | 9.3+                                          |
| Doniphan     | 2,144                   | 510                                            | 218                                  | 338                                 | 67.0+                             | 15.9+                                                    | 6.8+                                           | 10.2+                                         |
| Douglas      | 2,355                   | 1,178                                          | 688                                  | 695                                 | 47.9+                             | 23.9+                                                    | 13.9+                                          | 14.1+                                         |
| Edwards      | 67                      | 3                                              | 3                                    | 16                                  | 75.2+                             | 3.8+                                                     | 3.3+                                           | 17.8+                                         |
| Elk          | 1,064                   | 60                                             | 31                                   | 119                                 | 88.3+                             | 4.7+                                                     | 2.4+                                           | 9.4+                                          |
| Ellis        | 83                      | 118                                            | 68                                   | 81                                  | 23.7+                             | 33.7+                                                    | 19.4+                                          | 23.1+                                         |
| Ellsworth    | 349                     | 119                                            | 51                                   | 100                                 | 56.3+                             | 19.2+                                                    | 8.2+                                           | 16.1+                                         |
| Ford         | 64                      | 122                                            | 157                                  | 64                                  | 15.7+                             | 29.9+                                                    | 38.5+                                          | 15.7+                                         |
| Franklin     | 1,734                   | 345                                            | 216                                  | 291                                 | 67.0+                             | 13.3+                                                    | 8.3+                                           | 11.2+                                         |
| Greenwood    | 1,816                   | 110                                            | 55                                   | 161                                 | 80.1+                             | 6.6+                                                     | 3.3+                                           | 9.7+                                          |
| Harvey       | 1,066                   | 121                                            | 124                                  | 145                                 | 73.2+                             | 8.3+                                                     | 8.5+                                           | 9.9+                                          |
| Jackson      | 1,805                   | 154                                            | 70                                   | 114                                 | 79.4+                             | 9.3+                                                     | 4.2+                                           | 6.9+                                          |
| Jefferson    | 2,827                   | 230                                            | 115                                  | 227                                 | 80.2+                             | 7.9+                                                     | 3.9+                                           | 7.8+                                          |
| Jewell       | 1,826                   | 58                                             | 23                                   | 83                                  | 91.7+                             | 2.9+                                                     | 1.1+                                           | 4.1+                                          |
| Johnson      | 2,566                   | 383                                            | 270                                  | 307                                 | 72.7+                             | 10.8+                                                    | 7.6+                                           | 8.7+                                          |
| Labette      | 2,327                   | 578                                            | 340                                  | 386                                 | 64.0+                             | 15.9+                                                    | 9.3+                                           | 10.6+                                         |
| Leavenworth  | 2,830                   | 1,662                                          | 919                                  | 1,599                               | 40.3+                             | 23.7+                                                    | 13.1+                                          | 23.8+                                         |
| Lincoln      | 625                     | 13                                             | 7                                    | 30                                  | 92.5+                             | 1.9+                                                     | 1.0+                                           | 4.4+                                          |
| Linn         | 2,038                   | 394                                            | 134                                  | 278                                 | 71.6+                             | 13.8+                                                    | 4.7+                                           | 9.7+                                          |
| Lyon         | 1,779                   | 342                                            | 224                                  | 276                                 | 67.6+                             | 12.9+                                                    | 8.8+                                           | 10.4+                                         |
| Marion       | 1,232                   | 77                                             | 63                                   | 175                                 | 79.6+                             | 4.9+                                                     | 4.0+                                           | 11.3+                                         |
| Marshall     | 2,083                   | 302                                            | 162                                  | 313                                 | 72.8+                             | 10.5+                                                    | 5.6+                                           | 10.9+                                         |
| McPherson    | 1,711                   | 47                                             | 23                                   | 67                                  | 92.5+                             | 2.5+                                                     | 1.2+                                           | 3.6+                                          |
| Miami        | 2,482                   | 263                                            | 140                                  | 277                                 | 78.4+                             | 8.3+                                                     | 4.4+                                           | 8.7+                                          |
| Mitchell     | 1,121                   | 61                                             | 46                                   | 93                                  | 84.8+                             | 4.6+                                                     | 3.4+                                           | 7.0+                                          |
| Montgomery   | 2,332                   | 320                                            | 218                                  | 507                                 | 69.0+                             | 9.4+                                                     | 6.4+                                           | 15.0+                                         |
| Morris       | 823                     | 192                                            | 76                                   | 148                                 | 66.4+                             | 15.4+                                                    | 6.1+                                           | 11.9+                                         |
| Nemaha       | 1,454                   | 90                                             | 84                                   | 160                                 | 81.3+                             | 5.0+                                                     | 4.7+                                           | 8.9+                                          |
| Neosho       | 1,978                   | 342                                            | 167                                  | 246                                 | 72.3+                             | 12.1+                                                    | 6.1+                                           | 9.0+                                          |
| Norton       | 237                     | 4                                              | 1                                    | 8                                   | 94.8+                             | 1.6+                                                     | 0.4+                                           | 3.2+                                          |
| Osage        | 1,669                   | 249                                            | 138                                  | 520                                 | 64.7+                             | 9.6+                                                     | 5.3+                                           | 20.1+                                         |
| Osborne      | 763                     | 37                                             | 13                                   | 102                                 | 83.3+                             | 4.0+                                                     | 1.4+                                           | 11.1+                                         |
| Ottawa       | 1,095                   | 37                                             | 24                                   | 61                                  | 89.9+                             | 3.0+                                                     | 1.1+                                           | 5.0+                                          |
| Pawnee       | 203                     | 38                                             | 26                                   | 32                                  | 67.9+                             | 12.7+                                                    | 8.7+                                           | 10.7+                                         |
| Phillips     | 674                     | 32                                             | 20                                   | 53                                  | 86.5+                             | 4.1+                                                     | 2.5+                                           | 6.8+                                          |
| Pottawatomie | 1,935                   | 316                                            | 126                                  | 210                                 | 74.8+                             | 12.2+                                                    | 4.8+                                           | 8.1+                                          |
| Reno         | 1,099                   | 182                                            | 116                                  | 151                                 | 70.9+                             | 11.7+                                                    | 7.4+                                           | 9.7+                                          |
| Republic     | 1,713                   | 54                                             | 28                                   | 231                                 | 84.5+                             | 2.6+                                                     | 1.3+                                           | 11.4+                                         |
| Rice         | 572                     | 24                                             | 15                                   | 40                                  | 87.8+                             | 3.6+                                                     | 2.3+                                           | 6.1+                                          |
| Riley        | 1,380                   | 287                                            | 116                                  | 228                                 | 68.3+                             | 14.4+                                                    | 5.8+                                           | 11.4+                                         |
| Rush         | 133                     | 4                                              | 4                                    | 7                                   | 99.8+                             | 9.7+                                                     | 2.7+                                           | 4.7+                                          |
| Russell      | 272                     | 18                                             | 15                                   | 34                                  | 90.3+                             | 5.3+                                                     | 4.4+                                           | 10.0+                                         |
| Salline      | 1,287                   | 188                                            | 179                                  | 170                                 | 70.5+                             | 10.3+                                                    | 9.8+                                           | 9.3+                                          |
| Sedgwick     | 1,545                   | 263                                            | 217                                  | 556                                 | 59.8+                             | 10.1+                                                    | 8.4+                                           | 21.5+                                         |
| Shawnee      | 1,954                   | 1,186                                          | 642                                  | 1,013                               | 40.7+                             | 24.7+                                                    | 13.3+                                          | 21.1+                                         |
| Smith        | 982                     | 32                                             | 13                                   | 56                                  | 90.6+                             | 2.0+                                                     | 1.2+                                           | 5.1+                                          |
| Sumner       | 1,128                   | 83                                             | 51                                   | 91                                  | 83.3+                             | 6.1+                                                     | 3.7+                                           | 6.7+                                          |
| Wabauisee    | 1,005                   | 98                                             | 28                                   | 92                                  | 82.1+                             | 8.0+                                                     | 2.2+                                           | 7.5+                                          |
| Washington   | 1,806                   | 75                                             | 56                                   | 143                                 | 86.6+                             | 3.6+                                                     | 2.7+                                           | 6.8+                                          |
| Wilson       | 1,886                   | 149                                            | 74                                   | 181                                 | 82.3+                             | 6.5+                                                     | 3.2+                                           | 7.4+                                          |
| Woodson      | 846                     | 73                                             | 36                                   | 92                                  | 80.8+                             | 6.9+                                                     | 3.4+                                           | 8.8+                                          |
| Wyandotte    | 1,603                   | 696                                            | 303                                  | 503                                 | 51.6+                             | 22.0+                                                    | 9.7+                                           | 16.2+                                         |
| Total        | 95,476                  | 17,776                                         | 9,665                                | 15,992                              | 68.73                             | 12.79                                                    | 6.95                                           | 11.51                                         |





**TABLE.** showing, by counties, the Number and per cent, of Persons engaged in Agriculture, Professional and Personal Services, Trade and Transportation, and Manufactures and Mining, for 1875.

| COUNTIES.    | Engaged in Agriculture. | Engaged in Professional and Personal Services. | Engaged in Trade and Transportation. | Engaged in Manufactures and Mining. | Per cent. engaged in Agriculture. | Per cent. engaged in Professional and Personal Services. | Per cent. engaged in Trade and Transportation. | Per cent. engaged in Manufactures and Mining. |
|--------------|-------------------------|------------------------------------------------|--------------------------------------|-------------------------------------|-----------------------------------|----------------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Allen        | 1,253                   | 341                                            | 113                                  | 156                                 | 67.2+                             | 18.3+                                                    | 6.0+                                           | 8.3+                                          |
| Anderson     | 1,280                   | 197                                            | 82                                   | 197                                 | 75.9+                             | 11.6+                                                    | 4.8+                                           | 7.5+                                          |
| Atchison     | 1,910                   | 2,081                                          | 876                                  | 1,155                               | 31.7+                             | 34.5+                                                    | 14.5+                                          | 19.0+                                         |
| Barbour      | 98                      | 6                                              | 5                                    | 7                                   | 84.4+                             | 5.1+                                                     | 4.3+                                           | 5.0+                                          |
| Barton       | 559                     | 35                                             | 51                                   | 22                                  | 83.8+                             | 5.2+                                                     | 7.6+                                           | 3.2+                                          |
| Bourbon      | 2,516                   | 838                                            | 542                                  | 686                                 | 54.9+                             | 18.2+                                                    | 11.8+                                          | 14.9+                                         |
| Brown        | 1,926                   | 137                                            | 113                                  | 174                                 | 81.9+                             | 5.8+                                                     | 4.8+                                           | 7.4+                                          |
| Butler       | 2,186                   | 269                                            | 93                                   | 188                                 | 79.8+                             | 9.3+                                                     | 3.3+                                           | 6.8+                                          |
| Chautauqua   | 1,600                   | 91                                             | 46                                   | 133                                 | 85.5+                             | 4.8+                                                     | 2.4+                                           | 7.1+                                          |
| Chase        | 647                     | 76                                             | 41                                   | 89                                  | 75.8+                             | 8.9+                                                     | 4.8+                                           | 10.4+                                         |
| Cherokee     | 2,181                   | 358                                            | 156                                  | 333                                 | 72.0+                             | 11.8+                                                    | 5.1+                                           | 10.9+                                         |
| Clay         | 1,538                   | 64                                             | 63                                   | 90                                  | 87.6+                             | 3.6+                                                     | 3.5+                                           | 5.1+                                          |
| Cloud        | 1,626                   | 119                                            | 51                                   | 118                                 | 84.9+                             | 6.2+                                                     | 2.6+                                           | 6.1+                                          |
| Coffey       | 1,406                   | 128                                            | 96                                   | 175                                 | 77.8+                             | 7.0+                                                     | 5.3+                                           | 9.1+                                          |
| Cowley       | 1,969                   | 176                                            | 84                                   | 168                                 | 82.1+                             | 7.3+                                                     | 3.5+                                           | 7.0+                                          |
| Crawford     | 1,832                   | 174                                            | 109                                  | 201                                 | 79.1+                             | 7.5+                                                     | 4.7+                                           | 8.6+                                          |
| Davis        | 710                     | 277                                            | 102                                  | 146                                 | 57.4+                             | 22.4+                                                    | 8.2+                                           | 11.8+                                         |
| Dickinson    | 1,400                   | 90                                             | 97                                   | 164                                 | 79.9+                             | 5.1+                                                     | 5.5+                                           | 9.3+                                          |
| Douglas      | 2,144                   | 510                                            | 218                                  | 328                                 | 67.0+                             | 15.9+                                                    | 6.8+                                           | 10.2+                                         |
| Edwards      | 2,355                   | 1,178                                          | 688                                  | 695                                 | 47.9+                             | 23.9+                                                    | 13.9+                                          | 14.1+                                         |
| Elk          | 67                      | 3                                              | 3                                    | 16                                  | 75.2+                             | 3.3+                                                     | 3.3+                                           | 17.8+                                         |
| Ellis        | 1,054                   | 60                                             | 31                                   | 119                                 | 83.3+                             | 4.7+                                                     | 2.4+                                           | 9.4+                                          |
| Ellsworth    | 83                      | 118                                            | 68                                   | 81                                  | 23.7+                             | 33.7+                                                    | 19.4+                                          | 23.1+                                         |
| Ford         | 349                     | 119                                            | 51                                   | 100                                 | 56.3+                             | 19.2+                                                    | 8.2+                                           | 16.1+                                         |
| Franklin     | 64                      | 122                                            | 157                                  | 64                                  | 15.7+                             | 29.9+                                                    | 38.5+                                          | 15.7+                                         |
| Greenwood    | 1,734                   | 345                                            | 216                                  | 291                                 | 67.0+                             | 13.3+                                                    | 8.3+                                           | 11.2+                                         |
| Harvey       | 1,316                   | 110                                            | 55                                   | 161                                 | 80.1+                             | 6.6+                                                     | 3.3+                                           | 9.7+                                          |
| Jackson      | 1,066                   | 121                                            | 124                                  | 145                                 | 73.2+                             | 8.3+                                                     | 8.5+                                           | 9.9+                                          |
| Jefferson    | 1,305                   | 154                                            | 70                                   | 114                                 | 79.4+                             | 9.3+                                                     | 4.2+                                           | 6.9+                                          |
| Jewell       | 2,327                   | 230                                            | 115                                  | 237                                 | 80.2+                             | 7.9+                                                     | 3.9+                                           | 7.8+                                          |
| Johnson      | 1,826                   | 58                                             | 23                                   | 83                                  | 91.7+                             | 2.9+                                                     | 1.1+                                           | 4.1+                                          |
| Labette      | 2,566                   | 383                                            | 270                                  | 307                                 | 72.7+                             | 10.9+                                                    | 7.6+                                           | 8.7+                                          |
| Leavenworth  | 2,327                   | 578                                            | 340                                  | 386                                 | 64.0+                             | 15.9+                                                    | 9.3+                                           | 10.6+                                         |
| Lincoln      | 2,830                   | 1,662                                          | 919                                  | 1,599                               | 40.9+                             | 22.7+                                                    | 15.7+                                          | 20.4+                                         |
| Linn         | 625                     | 13                                             | 7                                    | 30                                  | 82.7+                             | 1.9+                                                     | 1.0+                                           | 4.4+                                          |
| Lyon         | 2,038                   | 394                                            | 134                                  | 278                                 | 71.7+                             | 12.6+                                                    | 4.7+                                           | 9.7+                                          |
| Marion       | 1,779                   | 342                                            | 234                                  | 276                                 | 72.0+                             | 12.3+                                                    | 8.4+                                           | 11.3+                                         |
| Marshall     | 1,232                   | 77                                             | 63                                   | 115                                 | 79.6+                             | 4.9+                                                     | 4.0+                                           | 11.3+                                         |
| McPherson    | 2,083                   | 302                                            | 162                                  | 213                                 | 72.0+                             | 10.5+                                                    | 5.6+                                           | 10.6+                                         |
| Miami        | 1,711                   | 47                                             | 23                                   | 71                                  | 82.2+                             | 2.5+                                                     | 1.2+                                           | 2.6+                                          |
| Mitchell     | 2,482                   | 263                                            | 140                                  | 277                                 | 72.0+                             | 8.3+                                                     | 4.2+                                           | 8.3+                                          |
| Montgomery   | 1,121                   | 61                                             | 46                                   | 84                                  | 84.4+                             | 4.6+                                                     | 2.4+                                           | 7.2+                                          |
| Morris       | 2,332                   | 320                                            | 218                                  | 307                                 | 72.0+                             | 9.4+                                                     | 6.4+                                           | 10.6+                                         |
| Nemaha       | 823                     | 192                                            | 76                                   | 104                                 | 82.0+                             | 13.4+                                                    | 4.1+                                           | 10.3+                                         |
| Neosho       | 1,454                   | 90                                             | 84                                   | 104                                 | 82.0+                             | 5.0+                                                     | 4.1+                                           | 10.3+                                         |
| Norton       | 1,978                   | 342                                            | 167                                  | 311                                 | 72.0+                             | 12.3+                                                    | 6.2+                                           | 10.6+                                         |
| Osage        | 237                     | 4                                              | 1                                    | 1                                   | 84.4+                             | 3.6+                                                     | 8.4+                                           | 10.6+                                         |
| Osborne      | 1,669                   | 249                                            | 138                                  | 278                                 | 72.0+                             | 9.6+                                                     | 4.2+                                           | 10.6+                                         |
| Ottawa       | 763                     | 37                                             | 13                                   | 30                                  | 84.4+                             | 4.6+                                                     | 1.9+                                           | 10.6+                                         |
| Pawnee       | 1,095                   | 37                                             | 24                                   | 30                                  | 84.4+                             | 2.1+                                                     | 1.9+                                           | 10.6+                                         |
| Phillips     | 203                     | 38                                             | 24                                   | 30                                  | 84.4+                             | 11.7+                                                    | 2.9+                                           | 10.6+                                         |
| Pottawatomie | 674                     | 32                                             | 24                                   | 30                                  | 84.4+                             | 4.1+                                                     | 1.9+                                           | 10.6+                                         |
| Reno         | 1,935                   | 316                                            | 138                                  | 278                                 | 72.0+                             | 12.3+                                                    | 6.2+                                           | 10.6+                                         |
| Republic     | 1,099                   | 182                                            | 76                                   | 104                                 | 72.0+                             | 13.7+                                                    | 4.1+                                           | 10.6+                                         |
| Rice         | 1,713                   | 54                                             | 24                                   | 30                                  | 84.4+                             | 2.8+                                                     | 1.9+                                           | 10.6+                                         |
| Riley        | 572                     | 24                                             | 13                                   | 30                                  | 84.4+                             | 3.0+                                                     | 1.9+                                           | 10.6+                                         |
| Rush         | 960                     | 24                                             | 13                                   | 30                                  | 84.4+                             | 3.0+                                                     | 1.9+                                           | 10.6+                                         |
| Russell      | 1,454                   | 90                                             | 84                                   | 104                                 | 82.0+                             | 5.0+                                                     | 4.1+                                           | 10.3+                                         |
| Saline       | 1,978                   | 342                                            | 167                                  | 311                                 | 72.0+                             | 12.3+                                                    | 6.2+                                           | 10.6+                                         |
| Sedgewick    | 237                     | 4                                              | 1                                    | 1                                   | 84.4+                             | 3.6+                                                     | 8.4+                                           | 10.6+                                         |
| Shawnee      | 1,669                   | 249                                            | 138                                  | 278                                 | 72.0+                             | 9.6+                                                     | 4.2+                                           | 10.6+                                         |

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## HOW TO OBTAIN GOVERNMENT LANDS.

The great number of inquiries which are made for information concerning the public lands of the State, has made the publication of the following very full instructions, rulings and laws relating to said lands, necessary:

### C I R C U L A R .

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE, }  
WASHINGTON, D. C., June 17, 1875. }

The following is communicated in reference to the manner of acquiring title to the public lands under different laws of Congress:

There are two classes of public lands, the one class at \$1.25 per acre, which is designated as *minimum*, and the other at \$2.50 per acre, or *double minimum*.

Title may be acquired by purchase at public sale, or by ordinary "private entry," and in virtue of the pre-emption, homestead, and timber-culture laws.

#### BY PURCHASE AT PUBLIC SALE.

1. This may be done where lands are "offered" at public auction to the highest bidder, either pursuant to proclamation by the President or public notice given, in accordance with directions from the General Land Office.

#### BY "PRIVATE ENTRY" OR LOCATION.

2. The lands liable to disposal in this manner are those which were offered at public sale, but were not then sold, and which have not since been reserved or otherwise withdrawn from market. In this class of offered and unreserved public lands, the following steps may be taken to acquire title:

#### CASH PURCHASES.

3. The applicant will present a written application to the register for the district in which the land desired is situated, describing the tract he wishes to purchase, giving its area. Thereupon the register, if the tract is vacant, will so certify to the receiver, stating the price, and the applicant must then pay the amount of the purchase money.

The receiver will then issue his receipt for the money paid, in duplicate, giving to the purchaser a duplicate receipt, and at the close of the month the register and receiver will make returns of the same to the General Land Office, from which, when the proceedings are found regular, a patent or complete title will be issued; and on surrender of the duplicate receipt, such patent will be delivered at the option of the patentee, either by the commissioner at Washington, or by the register at the district land office.

#### LOCATIONS WITH WARRANTS.

4. Application must be made as in cash cases, but must be accompanied by a warrant duly assigned as the consideration for the land; yet where the tract is \$2.50 per acre, the party, in addition to the surrendered warrant, must pay in *cash* \$1.25 per acre, as the warrant is in satisfaction of only so many acres, at \$1.25 per acre, or furnish a warrant of such denomination as will, at the legal value of \$1.25 per acre, cover the rated price of the land. For example: a tract of forty acres of land, held at \$2.50 per acre, can be paid for with a warrant calling for forty acres and the payment of \$50 in cash, or by surrendering an eighty-acre warrant for the same—the forty acres to be in full satisfaction for the said location. Or a tract of eighty acres, rated at \$2.50 per acre, can be paid for by the surrender of two eighty-acre warrants. If there is a small excess in the area of the tract over the quantity called for on the face of the warrant in any case, such excess may be paid for in money.

A duplicate certificate of location will then be furnished the party, to be held until the patent is delivered, as in cases of cash sales.

|                                 |                                            |        |
|---------------------------------|--------------------------------------------|--------|
| For a 40-acre warrant, 50 cents | each to the register and receiver — total, | \$1.00 |
| For a 60-acre warrant, 75 cents | " " " "                                    | 1 50   |
| For an 80-acre warrant, \$1.00  | " " " "                                    | 2 00   |
| For a 120-acre warrant, \$1.50  | " " " "                                    | 3 00   |
| For a 160-acre warrant, \$2.00  | " " " "                                    | 4 00   |

5. This scrip may be used—

*Second.* In payment of pre-emption claims, in the same manner and under the same rules and regulations as govern the application to pre-emptions of military land warrants; this, too, without regard to the limitation as to the quantity located in a township or in any one State.

PRE-EMPTIONS ADMISSIBLE TO THE EXTENT OF ONE QUARTER SECTION, OR ONE HUNDRED AND SIXTY ACRES.

The pre-emption privilege is restricted to the heads of families, widows, or single men over the age of twenty-one who are citizens of the United States, or who have declared their intention to become citizens, as required by the naturalization laws. This does not include Indians, except such as have ceased their tribal relations, and been declared citizens by treaties or acts of Congress.

8. Section 2,281 thereof protects the rights of settlers on sections along the line of railroads, where settlement existed prior to withdrawal, and in such cases allows the land to be taken by the pre-emptors at \$1.25 per acre, but requires that they shall file the proper notices of their claim, and make proof and payment as in other cases.

10. Where the tract has been surveyed and *not* offered at public sale, the claimant must file his declaratory statement within three months from date of settlement, and make proof and payment within thirty months after the expiration of the three months allowed for filing his declaratory notice, or in other words, within thirty-three months from date of settlement.

11. Where settlements are made on *unsurveyed* lands, settlers are required, within three months after the date of the receipt at the district land office of the improved plat of the township embracing their claims, to file their declaratory statement with the register of the proper land office and thereafter to make proof

and payment for the tract within thirty months from the expiration of said three months.

When two or more settlers on unsurveyed land are found upon survey to be residing upon, or to have valuable improvements upon, the same smallest legal subdivision, they may make joint entry of such tract, and separate entries of the residue of their claims. This joint entry may be made in pursuance of contract between the parties or without it. (Revised Statutes, sec. 2,274.)

12. Should the settler, in either of the aforesaid cases, die before establishing his claim within the period limited by law, the title may be perfected by the executor, administrator, or one of the heirs, by making the requisite proof of settlement and paying for the land; the entry to be made in the name of "the heirs" of the deceased settler; and the patent will be issued accordingly. The legal representatives of the deceased pre-emptor are entitled to make the entry at any time within the period to which the pre-emptor would be entitled if living.

Section 2,261 of the Revised Statutes prohibits the second filing of a declaratory statement by any pre-emptor qualified at the date of his first filing where said filing has been in all respects legal. Where the first filing, however, is illegal from any cause, he has the right to make a second and legal filing.

#### LAWS EXTENDING THE HOMESTEAD PRIVILEGE.

13. The laws extending the homestead privilege, embraced in sections 2,289 to 2,317 of the Revised Statutes, give to every citizen, and to those who have declared their intention to become citizens, the right to a homestead on surveyed lands. This is conceded to the extent of one-quarter section, or 160 acres, or a half quarter section, or eighty acres, the former, in cases where the land desired is embraced in the class of lower priced lands held by law at \$1.25 per acre, when disposed of to cash purchasers; the latter, where it is of the class of higher priced lands, held at \$2.50 per acre, when so disposed of.

14. To obtain homesteads, the party must, in connection with his application, make an affidavit before the register or receiver, that he is over the age of twenty-one, or the head of a family; that he is a citizen of the United States, or has declared his intention to become such; and that the entry is made for his exclusive use and benefit, and for actual settlement and cultivation; and must pay the legal fee and that part of the commissions which is payable when the entry is made, as given in tables below.

15. Where the applicant has made actual settlement on the land he desires to enter, but is prevented by reason of bodily infirmity, distance, or other good cause, from personal attendance at the district land office, the affidavit may be made before the clerk of the court for the county within which the land is situated, under section 2,294 of the Revised Statutes.

16. On compliance of the party with the foregoing requirements, the receiver will issue his receipt for the fee, and that part of the commissions paid, a duplicate of which he will deliver to the party. The matter will then be entered on the records of the district office, and reported to the General Land Office.

17. An inceptive right is vested in the settler by such proceedings, and upon faithful observance of the law in regard to settlement and cultivation for the continuous term of five years, and at the expiration of that time, or within two years thereafter, upon proper proof to the satisfaction of the land officers, and payment to the receiver of that part of the commission remaining to be paid, as given in tables below, the receiver issuing his receipt therefor, the register will issue his certificate, and make proper returns to this office as the basis of a patent or complete title for the homestead.

NOTE.—The law is specific in requiring final proof to be made within *two* years after the expiration of the five years.

In making final proof, it is required that the homestead party shall appear in person at the district land office, and there make the affidavit required of him by law in support of his claim. Where, from physical disability, distance, or other good cause, the *witnesses* of said party cannot attend in person at the district office, their testimony in support of the claim may be taken where they reside, before an officer authorized by law to administer oaths.

Their testimony must state satisfactorily the reason of their inability to attend at the district office; and the credibility and responsibility of the witnesses must be certified by the officiating magistrate, whose official character must be authenticated under seal.

The corroborating testimony thus prepared must be deposited with the register

and receiver, and filed with the affidavit of the homestead party, and the decision of the register and receiver endorsed thereon, as a preliminary to the transmission of the same to the General Land Office.

18. Where a homestead settler dies before the consummation of his claim, the widow, or in case of her death, the heirs, may continue the settlement and cultivation, and obtain title upon requisite proof at the proper time. If the widow proves up, the title passes to her; if she dies before proving up and the heirs make the proof, the title will vest in them.

Where both parents die, leaving infant heirs, the homestead may be sold for cash for the benefit of such heirs, and the purchaser will receive title from the United States.

19. The sale of a homestead claim by the settler to another party before completion of title is not recognized by this office, and not only vests no title or equities in the purchaser, but would be *prima facie* evidence of abandonment, and might give cause for cancellation of the claim.

A party may relinquish his claim, but on his doing so, the land reverts to the Government. The party so desiring should surrender the duplicate receipt issued for the entry, with his written relinquishment of the same endorsed thereon, to the register and receiver of the proper district land office. If the duplicate receipt has been lost, he should submit to those officers a written relinquishment of the entry, in which he should state the fact of the loss of the duplicate receipt, and which should be duly signed and acknowledged. The register and receiver will report the relinquishment, as any other evidence of abandonment, with their opinion thereon, for the action of this office.

Where application is made to contest the validity of a homestead entry on the ground of abandonment, the party must file his affidavit with the district land officers, setting forth the allegations on which his application is founded, describing the tract, and giving the name of the settler. Upon this the officers will set apart a day for a hearing, giving all the parties in interest due notice of the time and place of trial.

After the trial, the land officers will transmit the testimony, with their joint report, for the action of this office.

The expenses incident to such contest must be defrayed by the contestant, and no entry of the land can be made until the district officers have received notice from this office of the cancellation of the entry covering the same; nor does any informant obtain any privileges thereby. Such person must, if he desires the land, by proper diligence ascertain when notice of cancellation is received by the register and receiver, and then make formal written application for the tract; the land, after reception by said officers of notice of cancellation, being always open to the *first legal applicant*, unless withdrawn from entry by competent authority.

20. As the law allows but one homestead privilege, a settler relinquishing or abandoning his claim cannot thereafter make a second entry; but where, a party having made one entry, it is canceled as invalid, for some other reason, he is not thereby debarred from entering again.

Where an individual has made settlement on a tract and filed his pre-emption declaration therefor, he may change his filing into a homestead, if he continues in good faith to comply with the pre-emption laws until the change is effected. If, however, the land has become double minimum in price he cannot, unless entitled as a soldier or sailor, under section 2,304 of the Revised Statutes, commute for more than a "half quarter section," or 80 acres.

21. If the homestead settler does not wish to remain five years on his tract, the law permits him to pay for it with cash or warrants, or agricultural college scrip, upon making proof of settlement and cultivation for a period not less than six months from the date of entry to the time of payment.

This proof of actual settlement and cultivation must be the affidavit of the party, made before the district officers, corroborated by the testimony of two credible witnesses.

22. There is another class of homesteads designated as "adjoining farm homesteads." In these cases the law allows an applicant, *owning and residing* on an *original* farm, to enter other land lying contiguous thereto, which shall not, with such farm, exceed in the aggregate 160 acres. Thus, for example, a party owning or occupying 80 acres may enter 80 additional of \$1.25, or 40 acres of \$2.50 land. Or, suppose the applicant to own 40 acres, then he may enter 120 acres at \$1.25, or 40 at \$1.25, with 40 at \$2.50, if both classes of land should be found contiguous to his original farm.

In applying for an entry of this class, the party must make affidavit describing the tract which he owns and upon which he resides as his original farm. In making final proof, it is not required that he should prove actual residence on the separate tract entered; but if he does not, it must appear from the proof adduced that he has continued for the period required by law to reside upon and cultivate the original farm tract, and has *bona fide* made use of the entered tract as a part of the homestead, inclosing, cultivating, or otherwise improving the same.

23. *Provisions for the benefit of soldiers and sailors of the late war, their widows and minor orphan children.*—Sections 2,304, 2,305, 2,306, 2,307, 2,308, and 2,309 of the Revised Statutes, for the benefit of soldiers and sailors, their widows and minor orphan children, provide—

1st. In section 2,304, that every soldier and officer of the army, and every seaman, marine, and officer of the navy, who served for not less than ninety days in the army or navy of the United States "during the recent rebellion," and who was honorably discharged, and has remained loyal to the government, may enter, under the provisions of the homestead law, 160 acres of the public lands, to be taken, if desired, from the class double minimum lands.

2d. In section 2,305, that the time of his service, or the whole term of his enlistment, if the party was discharged on account of wounds or disability incurred in the line of duty, shall be deducted from the period of five years during which, as per section 2,291, the claimant must, to perfect title, reside upon and cultivate the entered tract, but with the proviso that the party shall in every case reside upon, improve, and cultivate his homestead for a period of at least one year after he shall have commenced his improvements.

3d. That any person entitled to the benefits of section 2,304, who had, prior to the 22d of June, 1874, made a homestead entry of less than 160 acres, may enter an additional quantity of land sufficient to make, with the previous entry, 160 acres.

4th. That the widow, if unmarried, or in case of her death or marriage, then the minor orphan children, of a person who would be entitled to the benefits of section 2,304, may enter lands under its provisions, with the additional privilege accorded, that, if the person died during his term of enlistment, the widow or minor children shall have the benefit of the whole term of enlistment.

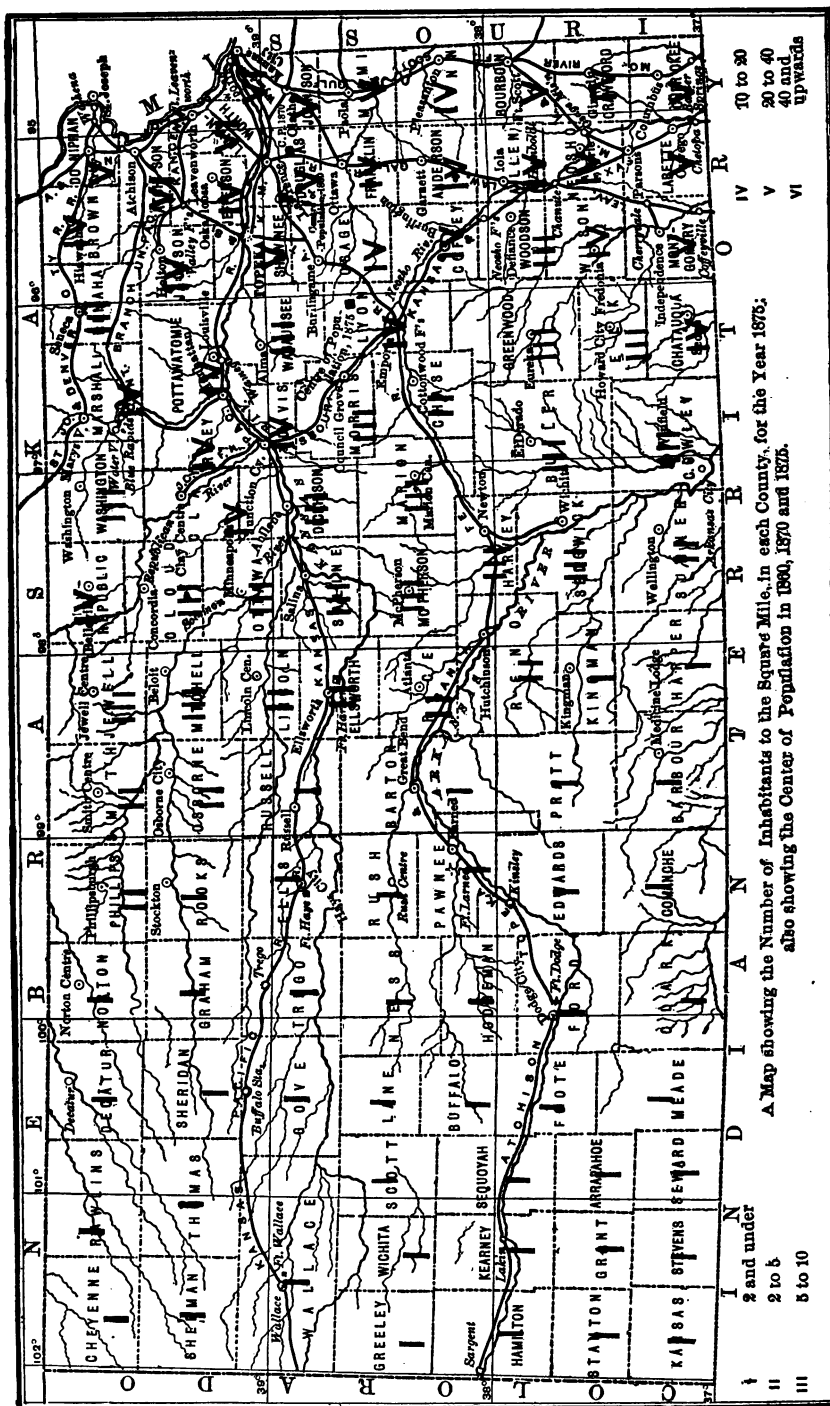
5th. That any person entitled to the benefit of section 2,304 may file his claim for a tract of land through an agent, and shall have six months thereafter within which to make his entry and commence his settlement and improvement upon the land.

24. The following is the course of proceedings for parties to avail themselves of the benefit of these sections of the Revised Statutes in making homestead entries—

1st. On the party producing the proper proof of his right to do so, immediate entry of the tract desired may be made; but if the party so elect, he may file a declaration to the effect that he claims a specified tract of land as his homestead, and that he takes it for actual settlement and cultivation. The register and receiver will number the declarations so filed in a separate series, according to the order of filing, enter them on their records, and, with their monthly returns, forward an abstract, to embrace all declarations of this class filed with them during the month. Thereafter, at any time within six months from the date of filing, the party may come forward, make his entry of the land, and commence his settlement and improvement. Should the party present his declaration through an agent, as authorized by section 2,309, said agent must produce a duly executed power of attorney from the principal desiring to make the entry, who will be bound by the selection his agent may make, the same as though made by himself. Failure of the party to make entry of the tract filed upon by himself or agent, within six months from the date of filing will be regarded as an abandonment, and a forfeiture of his right to enter; but in any case where the party acted in good faith, and the failure resulted from sickness, misfortune, or any insurmountable cause, he may submit, through the register and receiver of the proper district land office, his affidavit, setting forth that such was the case, with the reasons of his failure; and that he has not attempted by sale, barter, or in any way whatever, to alienate for gain or profit his claim or right under the filing, or to the land covered thereby. If the showing so made should be found satisfactory, the register and receiver will be instructed to permit him to enter as a homestead the same tract for which his declaration was filed, if no valid adverse right to that tract shall have intervened, or any other tract subject to entry, in case a valid adverse right shall have intervened to the tract filed upon.

2d. The claims of widows and minor orphan children may be initiated by declaration as above. Minor orphan children can act only by their duly-appointed guardians, who must file certified copies of the powers of guardianship, which must be





## FOURTH ANNUAL REPORT.

323

TABLE, showing, by counties, the Number and per cent, of Persons engaged in Agriculture, Professional and Personal Services, Trade and Transportation, and Manufactures and Mining, for 1875.

| COUNTIES.    | Engaged in Agriculture. | Engaged in Professional and Personal Services. | Engaged in Trade and Transportation. | Engaged in Manufactures and Mining. | Per cent. engaged in Agriculture. | Per cent. engaged in Professional and Personal Services. | Per cent. engaged in Trade and Transportation. | Per cent. engaged in Manufactures and Mining. |
|--------------|-------------------------|------------------------------------------------|--------------------------------------|-------------------------------------|-----------------------------------|----------------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Allen        | 1,253                   | 341                                            | 113                                  | 156                                 | 67.2+                             | 18.3+                                                    | 6.0+                                           | 8.3+                                          |
| Anderson     | 1,290                   | 197                                            | 82                                   | 127                                 | 75.9+                             | 11.6+                                                    | 4.8+                                           | 7.5+                                          |
| Atchison     | 1,910                   | 2,061                                          | 876                                  | 1,155                               | 31.7+                             | 34.5+                                                    | 14.5+                                          | 19.0+                                         |
| Barbour      | 98                      | 6                                              | 5                                    | 7                                   | 84.4+                             | 5.1+                                                     | 4.3+                                           | 5.0+                                          |
| Barton       | 559                     | 35                                             | 51                                   | 22                                  | 83.8+                             | 5.2+                                                     | 7.6+                                           | 3.2+                                          |
| Bourbon      | 2,516                   | 838                                            | 542                                  | 686                                 | 54.9+                             | 18.9+                                                    | 11.8+                                          | 14.9+                                         |
| Brown        | 1,926                   | 137                                            | 113                                  | 174                                 | 81.9+                             | 5.8+                                                     | 4.8+                                           | 7.4+                                          |
| Butler       | 2,186                   | 269                                            | 93                                   | 188                                 | 79.8+                             | 9.8+                                                     | 3.3+                                           | 6.8+                                          |
| Chautauqua   | 1,600                   | 91                                             | 46                                   | 123                                 | 85.5+                             | 4.8+                                                     | 2.4+                                           | 7.1+                                          |
| Chase        | 647                     | 76                                             | 41                                   | 89                                  | 75.8+                             | 8.9+                                                     | 4.8+                                           | 10.4+                                         |
| Cherokee     | 2,181                   | 358                                            | 156                                  | 833                                 | 72.0+                             | 11.8+                                                    | 5.1+                                           | 10.9+                                         |
| Clay         | 1,538                   | 64                                             | 63                                   | 90                                  | 87.6+                             | 3.0+                                                     | 3.5+                                           | 5.1+                                          |
| Cloud        | 1,626                   | 119                                            | 51                                   | 118                                 | 84.9+                             | 6.2+                                                     | 2.6+                                           | 6.1+                                          |
| Coffey       | 1,406                   | 128                                            | 96                                   | 175                                 | 77.8+                             | 7.0+                                                     | 5.3+                                           | 9.1+                                          |
| Cowley       | 1,969                   | 176                                            | 84                                   | 168                                 | 82.1+                             | 7.3+                                                     | 3.5+                                           | 7.0+                                          |
| Crawford     | 1,833                   | 174                                            | 109                                  | 201                                 | 79.1+                             | 7.5+                                                     | 4.7+                                           | 8.6+                                          |
| Davis        | 710                     | 277                                            | 102                                  | 146                                 | 57.4+                             | 22.4+                                                    | 8.2+                                           | 11.8+                                         |
| Dickinson    | 1,400                   | 90                                             | 97                                   | 164                                 | 79.9+                             | 5.1+                                                     | 5.5+                                           | 9.3+                                          |
| Doniphan     | 2,144                   | 510                                            | 218                                  | 328                                 | 67.0+                             | 15.9+                                                    | 6.8+                                           | 10.2+                                         |
| Douglas      | 2,355                   | 1,178                                          | 688                                  | 695                                 | 47.9+                             | 23.9+                                                    | 13.9+                                          | 14.1+                                         |
| Edwards      | 67                      | 3                                              | 3                                    | 16                                  | 75.2+                             | 3.8+                                                     | 3.3+                                           | 17.8+                                         |
| Elk          | 1,064                   | 60                                             | 81                                   | 119                                 | 83.3+                             | 4.7+                                                     | 2.4+                                           | 9.4+                                          |
| Ellis        | 83                      | 118                                            | 68                                   | 81                                  | 23.7+                             | 33.7+                                                    | 19.4+                                          | 23.1+                                         |
| Ellsworth    | 349                     | 119                                            | 51                                   | 100                                 | 56.3+                             | 19.2+                                                    | 8.2+                                           | 16.1+                                         |
| Ford         | 64                      | 122                                            | 157                                  | 64                                  | 15.7+                             | 29.9+                                                    | 28.5+                                          | 15.7+                                         |
| Franklin     | 1,734                   | 345                                            | 216                                  | 291                                 | 67.0+                             | 13.3+                                                    | 8.3+                                           | 11.2+                                         |
| Greenwood    | 1,116                   | 110                                            | 55                                   | 161                                 | 80.1+                             | 6.6+                                                     | 3.3+                                           | 9.7+                                          |
| Harvey       | 1,066                   | 121                                            | 124                                  | 145                                 | 73.2+                             | 8.3+                                                     | 6.5+                                           | 9.9+                                          |
| Jackson      | 1,905                   | 154                                            | 70                                   | 114                                 | 79.4+                             | 9.3+                                                     | 4.2+                                           | 6.9+                                          |
| Jefferson    | 2,327                   | 230                                            | 115                                  | 227                                 | 80.2+                             | 7.9+                                                     | 3.9+                                           | 7.8+                                          |
| Jewell       | 1,226                   | 58                                             | 23                                   | 83                                  | 91.7+                             | 2.9+                                                     | 1.1+                                           | 4.1+                                          |
| Johnson      | 2,666                   | 383                                            | 270                                  | 307                                 | 72.7+                             | 10.8+                                                    | 7.6+                                           | 8.7+                                          |
| Labette      | 2,327                   | 578                                            | 340                                  | 386                                 | 64.0+                             | 15.9+                                                    | 9.3+                                           | 10.6+                                         |
| Leavenworth  | 2,390                   | 1,662                                          | 919                                  | 1,599                               | 40.3+                             | 23.7+                                                    | 13.1+                                          | 22.8+                                         |
| Lincoln      | 625                     | 13                                             | 7                                    | 30                                  | 92.5+                             | 1.9+                                                     | 1.0+                                           | 4.4+                                          |
| Linn         | 2,338                   | 394                                            | 134                                  | 278                                 | 71.6+                             | 13.8+                                                    | 4.7+                                           | 9.7+                                          |
| Lyon         | 1,779                   | 342                                            | 234                                  | 276                                 | 67.6+                             | 12.9+                                                    | 8.8+                                           | 10.4+                                         |
| Marion       | 1,332                   | 77                                             | 63                                   | 175                                 | 79.6+                             | 4.9+                                                     | 4.0+                                           | 11.3+                                         |
| Marshall     | 2,633                   | 302                                            | 162                                  | 313                                 | 72.8+                             | 10.5+                                                    | 5.6+                                           | 10.9+                                         |
| McPherson    | 1,711                   | 47                                             | 23                                   | 67                                  | 92.5+                             | 2.5+                                                     | 1.2+                                           | 3.6+                                          |
| Miami        | 2,482                   | 263                                            | 140                                  | 277                                 | 78.4+                             | 8.3+                                                     | 4.4+                                           | 8.7+                                          |
| Mitchell     | 1,121                   | 61                                             | 46                                   | 93                                  | 84.8+                             | 4.6+                                                     | 3.4+                                           | 7.0+                                          |
| Montgomery   | 2,332                   | 320                                            | 218                                  | 507                                 | 69.0+                             | 9.4+                                                     | 6.4+                                           | 15.0+                                         |
| Morris       | 523                     | 192                                            | 76                                   | 148                                 | 66.4+                             | 15.4+                                                    | 6.1+                                           | 11.9+                                         |
| Nemaha       | 1,454                   | 90                                             | 84                                   | 160                                 | 81.3+                             | 5.0+                                                     | 4.7+                                           | 8.9+                                          |
| Neosho       | 1,978                   | 342                                            | 167                                  | 246                                 | 72.3+                             | 12.1+                                                    | 6.1+                                           | 9.0+                                          |
| Norton       | 237                     | 4                                              | 1                                    | 8                                   | 94.8+                             | 1.6+                                                     | 0.4+                                           | 3.2+                                          |
| Osage        | 1,669                   | 249                                            | 138                                  | 520                                 | 64.7+                             | 9.6+                                                     | 5.3+                                           | 20.1+                                         |
| Osborne      | 763                     | 37                                             | 13                                   | 102                                 | 83.3+                             | 4.0+                                                     | 1.4+                                           | 11.1+                                         |
| Ottawa       | 1,095                   | 37                                             | 24                                   | 61                                  | 89.9+                             | 3.0+                                                     | 1.1+                                           | 5.0+                                          |
| Pawnee       | 203                     | 38                                             | 26                                   | 32                                  | 67.9+                             | 12.7+                                                    | 8.7+                                           | 10.7+                                         |
| Phillips     | 674                     | 32                                             | 20                                   | 53                                  | 86.5+                             | 4.1+                                                     | 2.5+                                           | 6.8+                                          |
| Pottawatomie | 1,935                   | 316                                            | 126                                  | 210                                 | 74.8+                             | 12.2+                                                    | 4.8+                                           | 8.1+                                          |
| Reno         | 1,099                   | 182                                            | 116                                  | 151                                 | 70.9+                             | 11.7+                                                    | 7.4+                                           | 9.7+                                          |
| Republic     | 1,713                   | 54                                             | 28                                   | 231                                 | 84.5+                             | 2.6+                                                     | 1.3+                                           | 11.4+                                         |
| Rice         | 572                     | 24                                             | 15                                   | 40                                  | 87.8+                             | 3.6+                                                     | 2.3+                                           | 6.1+                                          |
| Riley        | 1,890                   | 287                                            | 116                                  | 228                                 | 68.3+                             | 14.4+                                                    | 5.8+                                           | 11.4+                                         |
| Rush         | 133                     | 4                                              | 4                                    | 7                                   | 89.8+                             | 9.7+                                                     | 2.7+                                           | 4.7+                                          |
| Russell      | 272                     | 18                                             | 15                                   | 34                                  | 80.3+                             | 5.3+                                                     | 4.4+                                           | 10.0+                                         |
| Saline       | 1,287                   | 188                                            | 179                                  | 170                                 | 70.5+                             | 10.3+                                                    | 9.8+                                           | 9.3+                                          |
| Sedgwick     | 1,545                   | 263                                            | 217                                  | 556                                 | 59.3+                             | 10.1+                                                    | 8.4+                                           | 21.5+                                         |
| Shawnee      | 1,954                   | 1,186                                          | 642                                  | 1,013                               | 40.7+                             | 24.7+                                                    | 13.3+                                          | 21.1+                                         |
| Smith        | 992                     | 32                                             | 13                                   | 56                                  | 90.6+                             | 2.0+                                                     | 1.2+                                           | 5.1+                                          |
| Sumner       | 1,128                   | 83                                             | 51                                   | 91                                  | 83.3+                             | 6.1+                                                     | 3.7+                                           | 6.7+                                          |
| Wabannsee    | 1,005                   | 98                                             | 28                                   | 92                                  | 82.1+                             | 8.0+                                                     | 2.2+                                           | 7.5+                                          |
| Washington   | 1,806                   | 75                                             | 56                                   | 143                                 | 86.6+                             | 3.6+                                                     | 2.7+                                           | 6.8+                                          |
| Wilson       | 1,886                   | 149                                            | 74                                   | 181                                 | 82.3+                             | 6.5+                                                     | 3.2+                                           | 7.4+                                          |
| Woodson      | 846                     | 73                                             | 36                                   | 92                                  | 80.8+                             | 6.9+                                                     | 3.4+                                           | 8.8+                                          |
| Wyandotte    | 1,603                   | 696                                            | 303                                  | 503                                 | 51.6+                             | 22.0+                                                    | 9.7+                                           | 16.2+                                         |
| Total        | 95,476                  | 17,776                                         | 9,665                                | 15,992                              | 68.73                             | 12.79                                                    | 6.95                                           | 11.51                                         |

## LAWS TO PROMOTE TIMBER CULTURE.

81. The timber-culture act, of March 13, 1874, amendatory of the act of March 3, 1873, (sections 2,464 to 2,468 of the Revised Statutes), is to the following effect:

1. The privilege of entry under this act is confined to persons who are heads of families, or over twenty-one years of age, and who are citizens of the United States, or have declared their intention to become such;

2. The affidavit required for initiating an entry under this act may be made before the register or receiver of the district office for the land district embracing the desired tract, or before some officer authorized to administer oaths in that district, who is required by law to use an official seal;

3. Not more than one quarter of any one section can be entered under this act;

4. The privilege of making more than one entry thereunder, is confined to such parties as shall enter, in each and every instance, a fractional subdivision of less than forty acres, and the aggregate area of such entries shall not exceed 160 acres;

5. The ratio of area required to be broken, planted, etc., is, in all cases initiated under the first section of this act, one-fourth of the land embraced in the entry;

6. One-fourth part of the area required to be devoted to timber must be broken within one year from the date of entry; one-fourth part more within two years from date of entry; and the remaining one-half within three years from date of entry;

7. One-fourth part of the area required to be devoted to timber must be planted within two years from date of entry; one-fourth part more within three years from date of entry; and the remaining one-half within four years from date of entry;

8. The trees are required to be not more than twelve feet apart each way, and the same are required to be protected, cultivated, and kept in a healthy growing condition for eight years next succeeding the date of entry;

9. If, at the expiration of the said eight years, or at any time within five years thereafter, the person making the entry, or, if he or she be dead, his or her heirs or legal representatives, shall prove by two credible witnesses the fact of such planting, cultivation, etc., of the said timber for not less than the said period of eight years, he, she, or they shall receive a patent for the land embraced in said entry;

10. In case of the death of a person who, having entered a quarter section, has complied with the provisions of this act for the period of three years—that is to say, who has broken ten acres the first year, ten acres the second year, and twenty acres the third year, and who has planted ten acres with timber the second year, and ten acres the third year—then, and in that case, his or her heirs or legal representatives shall be permitted, at their option, to continue to comply with the provisions of this act during the unexpired portion of the eight years, and thereupon receive a patent for said quarter section; or, on making proper proof of the compliance of the deceased settler, with the requirements of the act for the said period of three years, they shall receive, without delay, a patent for forty acres of said quarter section, upon the condition that they relinquish to the United States all claim to the remainder of the land embraced in such entry;

11. If, at any time, after not less than one year from the date of entry under the first section of this act, and prior to the issue of a patent therefor, the claimant shall fail to do the breaking and planting required by this act, or any part thereof, or shall fail to cultivate, protect and keep in good condition such timber, then, and in that event, such land shall become liable to a contest in the manner provided in homestead cases; and upon due proof of such failure the entry shall be canceled and the land become again subject to entry under the homestead laws, or by some other person under the provisions of this act;

12. Each and every homestead settler, at any time after the end of the third year of his or her residence, who, in addition to the settlement and improvements required by the homestead laws, shall have had under cultivation for two years one acre of timber (the trees thereon being not more than twelve feet apart each way, and in a good thrifty condition) for each and every sixteen acres of said homestead, shall, upon due proof of such fact by two credible witnesses, receive his or her patent for said homestead;

13. No land acquired under the provisions of this act shall in any event become liable to the satisfaction of any debt or debts contracted prior to the issuing of final certificate therefor;

14. The fees for all entries under this act shall be ten dollars, and the commission

of registers and receivers on all entries, irrespective of area, shall be four dollars, two dollars to each, at the date of entry, and a like sum at the date of final proof;

15. No distinction is made, as to area or the amount of fee and commissions, between minimum and double-minimum lands; a party may enter 160 acres of either on payment of the prescribed fee and commissions;

16. The fifth section of the act entitled "An act in addition to an act to punish crimes against the United States, and for other purposes," approved March 3, 1857, shall extend to all oaths, affirmations, and affidavits required or authorized by this act;

17. Parties who may have already made entries under the timber-culture act of March 3, 1873, of which this is amendatory, shall be permitted to continue and complete the same in the manner and under the conditions prescribed by this act.

82. Pursuant to the foregoing provisions, the following regulations will be observed, viz:

*First.* The register and receiver will restrict entries under this act to some one "technical quarter section" in any section of public land which is wholly prairie and naturally devoid of timber, and, hence, subject to the operation of the act, which may be either the northeast quarter, southeast quarter, northwest quarter, or southwest quarter, as the first legal applicant for a timber-culture entry in such section may elect. Before allowing any entry applied for they will, by a careful examination of the plat and tract books with reference to any previous entry or entries within the limits of the same section, satisfy themselves that the desired entry is admissible under this rule.

*Second.* In the case of an application for a fractional subdivision containing less than forty acres, they will require the applicant to state in his affidavit that he has, or has not, as the case may be, made a previous entry of a similar fractional subdivision. If he shall have made one or more such previous entries they will require him to exhibit his duplicate receipts or patents therefor, and will note the same by number, acres, district, and description of the land, upon the application presented, thus: "Previous entry No. —, [Description,] — acres, — District."

*Third.* When they shall have satisfied themselves that the land applied for is properly subject to such entry, they will require the party to make affidavit, and to pay the fee and that part of the commissions payable at the date of entry, and the receiver will issue his receipt therefor, in duplicate, giving the party a duplicate receipt. They will number the entry in its order, in a separate series of numbers, unless they have already a series under the act of March 3, 1873, to which this act is amendatory, in which case they will number the entry as one of that series; they will note the entry on their records, and report it in their monthly returns, sending up all papers therein, with an abstract of the entries allowed during the month under this act.

*Fourth.* The fee and commissions in this class of entries the receiver will account for in the usual manner, indicating the same as fees and commissions on timber-culture entries, which will be charged against the maximum of \$3,000 now allowed by law.

*Fifth.* When a homestead party claims a patent for his homestead entry under the fourth section of this act, the register and receiver will require him to make affidavit, and proof, which must show that he has resided upon and cultivated the tract for not less than three years, in addition to the facts that the land is prairie in character, and that he has cultivated timber thereon, as required to bring the case within the provisions of said fourth section. This being done, and the proper commissions paid, the receiver will issue his receipt for the money, and the register his final certificate for the entry, the papers to be numbered in the regular final homestead series.

*Sixth.* In all cases under this act it will be required that trees shall be cultivated, which shall be of the class included in the term "timber" the cultivation of shrubbery and fruit-trees not being sufficient.

#### PRESENTATION OF APPEALS.

83. Any party aggrieved by the rejection of his claim has a right to appeal from the decision of the register and receiver to the commissioner of the General Land Office. Such appeal, however, with the reasons therefor, must be filed with the land officers within thirty days from the date of their decision, accompanied by the rejected papers, if any; also, with any argument the party desires to file. These papers will then be forwarded to the commissioner by the district land officers for review and decision. Their report should set forth the nature of the claim, whether

homestead, pre-emption, timber culture, railroad, mineral, swamp, or other State selection, with the names of parties, description of land, number of filing, entry, list or selection, and date of hearing.

No appeal will be entertained unless sent up through the district land office.

The party may still further appeal from the decision of the commissioner of the General Land Office to the Secretary of the Interior. This appeal must be taken within sixty days after service of notice on the party. It may be filed with the district land officers, and by them forwarded; or it may be filed with the commissioner, and must recite the points of exception.

If not appealed, the decision is by law made final. (See section 2,273 of the Revised Statutes.) After appeal, thirty days are usually allowed for filing arguments, and the case is then sent to the Secretary, whose decision is final and conclusive.

#### REGISTERS' AND RECEIVERS' RETURNS.

34. Within three days from the close of each month the district land officers are required to make out and transmit to the General Land Office a statement of the business of their respective offices for the preceding month.

These reports are in the form of abstracts of pre-emption declarations and of soldiers' declarations filed, abstracts of lands sold, abstracts of homesteads entered, abstracts of timber culture entries allowed, abstracts of military bounty land warrants, and of agricultural college scrip located, accompanied by the certificates of purchase, receiver's receipts, homestead and timber culture applications and affidavits, military bounty land warrants and agricultural college scrip surrendered as satisfied, and the certificates of location thereof.

The abstracts, after being carefully examined by the register and receiver, are to be certified by them as correct, and as in conformity with the papers in the entries or locations embraced therein, and with their records, which papers, abstracts, and records must agree with each other.

The receiver is required also to render promptly a *monthly account of all moneys received*, showing the balance due the Government at the close of each month.

At the end of every *quarter* he must also transmit a *quarterly account* as receiver; upon the several accounts an adjustment is here made and submitted to the Treasury Department for final settlement.

He must also render a quarterly disbursing account of all moneys expended.

The receiver is required to deposit the moneys received by him at some depository designated by the Secretary of the Treasury when the amount on hand shall have reached the sum of *two thousand dollars*; and in no case is he authorized, without special instructions, to hold a larger amount in his hands.

35. It is the duty of the registers and receivers to be in attendance at their offices, and give proper facilities and information to persons applying for lands.

37. Laws and instructions relating to mining claims form the subject of a separate circular.

Lands bearing "*gold, silver, cinnabar, lead, tin, copper, or other valuable deposits,*" are not subject to disposal under the homestead and pre-emption laws.

38. Registers and receivers of the land offices are not authorized by law to make any charge for their services in accepting or entering pre-emption or homestead claims other than such as are herein set forth.

39. By section 2,224 of the Revised Statutes it is, among other things, provided that upon satisfactory proof that either of said officers, or any other officer, has charged or received fees or other rewards not authorized by law, he shall forthwith be removed from office.

S. S. BURDETT,

*Commissioner of the General Land Office.*

#### EXTENSION OF TIME TO PRE-EMPTORS IN DISTRICTS RAVAGED BY GRASSHOPPERS.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE, }  
WASHINGTON, D. C., May 11, 1875. }

*Registers and Receivers:*

GENTLEMEN:—Referring to my circular letter of Jan. 5th, 1875, transmitting to you a copy of the act for the relief of settlers on the public lands, approved

December 28, 1874. I have now to inform you that, upon the earnest representations of senators in Congress, and other distinguished citizens of some of the States aforesaid, and from considerations of humanity believed to be consistent with the general purposes of the legislation in question, I deem it proper to so far modify the instructions embraced in the concluding paragraph of my said circular letter, as to hold that the benefits extended by the law to pre-emptors who, by reason of the ravages of grasshoppers are compelled to leave and be absent from their lands, may also be extended to pre-emptors whose crops have in like manner been destroyed but who have, nevertheless, continued their residence upon their respective claims.

Those whose crops were destroyed or seriously injured in 1874, will be entitled to the extension of one year from and after July 1, 1875, and when the injury occurs in 1875, the extension will date from July 1, 1876.

To the end that this class of pre-emptors may not be confounded with those whose crops are not destroyed or seriously injured, written notice should be filed in your office by those claiming the extension prior to the date when their respective periods for proof and payment would otherwise expire.

S. S. BURDETT,

*Commissioner of the General Land Office.*

The circular letter to which the foregoing refers, permits homestead settlers whose crops were destroyed by grasshoppers in 1874, to be absent from their homesteads until July 1, 1875; and in case the grasshoppers should re-appear in 1875, and make like destruction, a like permit of absence is granted until July 1, 1876.

## RAILROAD LANDS.

October 26th, the following letter was sent to the Land Commissioner of each of the land-grant railroads in the State:

" OFFICE STATE BOARD OF AGRICULTURE,

" Topeka, October 26, 1875.

" DEAR SIR: If you will furnish this office with a statement of the unsold lands of your company, by counties, with maximum, minimum, and average price, together with such other information as will be of public interest, the same will be published, with like information from other sources, in the Fourth Annual Report of the State Board of Agriculture, which is now being compiled.

" Yours respectfully,

" ALFRED GRAY, *Secretary.*"

In response to the foregoing, the following statements were received:

LAND DEPARTMENT OF THE ATCHISON, TOPEKA & SANTA FE  
RAILROAD COMPANY.

A. S. JOHNSON,

*Acting Commissioner, Topeka, Kansas.*

J. COOPER,

*Secretary.*

SECRETARY STATE BOARD OF AGRICULTURE:

In the following table you will find the whole number of acres belonging to this company, by counties; the number of acres sold in each county up to the 31st of October, 1875; the number of acres remaining for sale, and the minimum and maximum prices per acre:

| COUNTIES.         | WHOLE NO. OF ACRES. | NO. OF ACRES SOLD. | ACRES UNSOLD. | RANGE OF PRICES. |        |
|-------------------|---------------------|--------------------|---------------|------------------|--------|
|                   |                     |                    |               | FROM             | TO     |
| Osage .....       | 894.34              | 530.28             | 374.06        | \$4.00           | \$8.00 |
| Wabunsee .....    | 13,127.94           | 2,442.66           | 10,685.28     | 2.50             | 8.00   |
| Lyon .....        | 426.86              | 270.99             | 155.87        | -----            | 6.50   |
| Greenwood .....   | 640.00              | -----              | 640.00        | -----            | 3.75   |
| Morris .....      | 32,549.81           | 4,121.88           | 28,427.93     | 2.25             | 7.75   |
| Chase .....       | 131,331.42          | 11,867.55          | 119,463.87    | 2.25             | 10.00  |
| Marion .....      | 211,130.80          | 121,109.21         | 90,021.59     | 3.50             | 9.00   |
| Butler .....      | 52,258.95           | 16,802.96          | 35,455.97     | 3.75             | 9.00   |
| Harvey .....      | 169,091.46          | 113,291.44         | 55,800.02     | 2.75             | 11.00  |
| Sedgewick .....   | 82,880.74           | 22,872.75          | 60,007.99     | 3.75             | 12.00  |
| McPherson .....   | 97,569.18           | 48,352.44          | 49,216.74     | 2.75             | 8.00   |
| Reno .....        | 314,024.83          | 58,868.29          | 255,156.54    | 1.75             | 10.00  |
| Rice .....        | 165,009.91          | 28,097.51          | 136,912.40    | 2.75             | 9.00   |
| Barton .....      | 187,391.82          | 44,899.05          | 142,492.77    | 1.75             | 10.00  |
| Rush .....        | 61,400.00           | 1,640.00           | 59,760.00     | 4.50             | 10.00  |
| Pawnee .....      | 220,558.88          | 18,890.27          | 201,668.61    | 4.50             | 10.00  |
| Edwards .....     | 135,000.00          | 2,344.06           | 132,655.94    | 4.50             | 9.00   |
| Stafford .....    | 90,000.00           | -----              | 90,000.00     | 1.75             | 8.00   |
| Kiowa .....       | 46,000.00           | -----              | 46,000.00     | 1.75             | 8.00   |
| Hodgeman .....    | 120,000.00          | -----              | 120,000.00    | -----            | -----  |
| Ford .....        | 115,907.44          | 640.00             | 115,267.44    | -----            | -----  |
| Unorganized ..... | 752,805.62          | 8,548.70           | 744,256.92    | -----            | -----  |
| Total .....       | 3,000,000.00        | 505,580.06         | 2,494,419.94  | -----            | -----  |

TOTAL SALES AND CASH RECEIVED.

|                                                        |                |
|--------------------------------------------------------|----------------|
| Total number of acres sold to October 31st, 1875 ..... | 505,580.06     |
| Total amount for which they were sold .....            | \$2,627,383.44 |
| Average price per acre .....                           | 5.19%          |
| Cash received on sales .....                           | \$ 664,016.95  |
| Cash received on deferred payments .....               | 303,509.90     |
| Total .....                                            | \$ 967,526.85  |



With the first of January, 1873, we commenced keeping a record of the locality from whence our purchasers came, and we give below, a table showing the number from each locality, the total number of acres purchased, and the quantity to each purchaser:

| FROM                      | NO. OF<br>PURCHASERS. | ACRES.     | AVERAGE<br>NO. ACRES. | FROM                 | NO. OF<br>PURCHASERS. | ACRES.   | AVERAGE<br>NO. ACRES. |
|---------------------------|-----------------------|------------|-----------------------|----------------------|-----------------------|----------|-----------------------|
| Illinois .....            | 752                   | 129,389.37 | 172                   | Texas .....          | 5                     | 509.00   | 102.00                |
| Foreign countries, direct | 533                   | 78,752.54  | 148                   | Mississippi .....    | 5                     | 1,276.25 | 255.00                |
| Kansas .....              | 346                   | 48,535.42  | 139                   | West Virginia .....  | 4                     | 640.00   | 160.00                |
| Iowa .....                | 165                   | 24,475.10  | 148                   | New Jersey .....     | 3                     | 399.50   | 133.00                |
| Ohio .....                | 100                   | 17,213.90  | 172                   | Rhode Island .....   | 3                     | 860.00   | 190.00                |
| Indiana .....             | 98                    | 15,653.10  | 159                   | Delaware .....       | 2                     | 160.00   | 80.00                 |
| Michigan .....            | 50                    | 6,716.30   | 135                   | Vermont .....        | 2                     | 720.00   | 360.00                |
| Pennsylvania .....        | 38                    | 5,427.26   | 143                   | Louisiana .....      | 2                     | 160.00   | 80.00                 |
| Wisconsin .....           | 37                    | 4,913.90   | 133                   | Maine .....          | 1                     | 160.00   | 160.00                |
| Missouri .....            | 37                    | 5,129.70   | 134                   | Virginia .....       | 1                     | 160.00   | 160.00                |
| Massachusetts .....       | 34                    | 8,343.81   | 245                   | Oregon .....         | 1                     | 160.00   | 160.00                |
| New York .....            | 33                    | 5,318.52   | 161                   | Nevada .....         | 1                     | 80.00    | 80.00                 |
| Kentucky .....            | 26                    | 6,198.37   | 238                   | Georgia .....        | 1                     | 22.20    | 22.20                 |
| Tennessee .....           | 17                    | 4,305.90   | 247                   | Connecticut .....    | 1                     | 160.00   | 160.00                |
| Nebraska .....            | 8                     | 1,050.64   | 131                   | North Carolina ..... | 1                     | 160.00   | 160.00                |
| Canada .....              | 8                     | 1,612.53   | 201                   | Maryland .....       | 1                     | 160.00   | 160.00                |
| Minnesota .....           | 7                     | 799.72     | 113                   | California .....     | 1                     | 160.00   | 160.00                |

I append a brief statement of our

#### TERMS OF SALE.

No. 1. Eleven years' credit, with seven per cent. interest. On the date of purchase, one-tenth of the principal is paid, with seven per cent. interest on the balance. The first and second years, only the interest at seven per cent. is paid each year; the third year, and each year thereafter, one-tenth of the principal, with seven per cent. interest on the balance, is paid annually, until the whole is paid.

No. 2 is also on eleven years' credit, with seven per cent. interest, only no part of the principal becomes due for four years. During the first four years only the interest is required, and in the last eight years, one-eighth of the principal, with seven per cent. interest on the balance, is paid annually until the whole is paid.

No. 3 is in three payments. In consideration of the purchaser paying one-third of the principal down, with interest on the balance at ten per cent., and the remainder in one and two years, with ten per cent. interest, we make a discount of twenty per cent. from the appraised value.

No. 4 is a cash sale, in which we make a discount of twenty per cent. from the appraised price, and give warranty deed.

HUTCHINSON, Kansas, October 26th, 1875.

COL. A. S. JOHNSON, Topeka, Kansas:

Dear Sir: In reply to your request for a statistical report of our success in tree planting along the line of the Atchison, Topeka & Santa Fe Railroad, I have to say, that we have planted a variety of trees and seeds at four different stations along the line of the said road.

The first experimental station is at Hutchinson, 180 miles west of the eastern line of the State, and 1,500 feet above the sea level. Soil, a light, sandy loam.

Trees planted in rows six feet apart and two feet apart in the row, measured in October, 1875, as follows:

## TREES PLANTED IN SPRING OF 1873. GROWTH OF THREE YEARS.

| NAME OF TREE.        | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. | DIAMETER IN INCHES. |
|----------------------|--------------------------|--------------------|---------------------|-----------------|---------------------|
| Silver Maple.....    | 1 year old               | 50 per cent.       | 6 to 9 feet.        | 7 feet.         | 1 to 2 inches.      |
| Box Elder.....       | 1 "                      | 60 "               | 6 to 8 "            | 7 "             | 1 to 2 "            |
| Honey Locust.....    | 1 "                      | 95 "               | 5 to 7 "            | 6 "             | 1 to 3 "            |
| Catalpa.....         | 1 "                      | 100 "              | 8 to 10 "           | 9 "             | 2 to 3 "            |
| Allantus.....        | 1 "                      | 100 "              | 10 to 12 "          | 11 "            | 2 to 4 "            |
| American Elm.....    | 1 "                      | 90 "               | 6 to 8 "            | 7 "             | 1 to 2 "            |
| Silver Poplar.....   | Cuttings,                | 20 "               | 6 to 8 "            | 7 "             | 1 to 3 "            |
| Cottonwood.....      | "                        | 25 "               | 16 to 18 "          | 17 "            | 3 to 4 "            |
| Peach.....           | Seed,                    | -----              | 7 to 8 "            | 7½ "            | 2 to 3 "            |
| Box Elder.....       | "                        | -----              | 7 to 9 "            | 8 "             | 1 to 2 "            |
| Catalpa.....         | "                        | -----              | 7 to 9 "            | 8 "             | 1 to 2 "            |
| Allantus.....        | "                        | -----              | 8 to 10 "           | 9 "             | 2 to 3 "            |
| Black Walnut.....    | "                        | -----              | 5 to 7 "            | 6 "             | 1 to 2 "            |
| Kentucky Coffee..... | "                        | -----              | 2 to 3 "            | 2½ "            | ½ to 1 "            |
| Ash.....             | "                        | -----              | 4 to 6 "            | 5 "             | 1 to 1½ "           |

## TREES PLANTED IN SPRING OF 1874. GROWTH OF TWO YEARS.

| NAME OF TREE.     | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. | DIAMETER IN INCHES. |
|-------------------|--------------------------|--------------------|---------------------|-----------------|---------------------|
| Box Elder.....    | 1 year old,              | 100 per cent.      | 7 to 9 feet.        | 8 feet.         | 1 to 2 in.          |
| Allantus.....     | 1 "                      | 100 "              | 8 to 10 "           | 9 "             | 1 to 2 "            |
| Cottonwood.....   | Cuttings,                | 60 "               | 10 to 13 "          | 11 "            | 2 to 3 "            |
| Grey Willow.....  | "                        | 30 "               | 6 to 8 "            | 7 "             | 1 to 2 "            |
| Box Elder.....    | Seed,                    | -----              | 5 to 7 "            | 6 "             | ¾ to 1 "            |
| Allantus.....     | "                        | -----              | 6 to 8 "            | 7 "             | 1 to 2 "            |
| Black Walnut..... | "                        | -----              | 2 to 3 "            | 3½ "            | ¾ to 1 "            |
| Burr Oak.....     | "                        | -----              | 6 to 10 inches.     | 8 inches.       | -----               |

## TREES PLANTED IN SPRING OF 1875. GROWTH OF ONE YEAR.

| NAME OF TREE.        | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. |       |
|----------------------|--------------------------|--------------------|---------------------|-----------------|-------|
| Cottonwood.....      | 1 year old,              | 100 per cent.      | 6 to 9 feet.        | 7 feet.         | ----- |
| Allantus.....        | 1 "                      | 100 "              | 2 to 4 "            | 3 "             | ----- |
| Cottonwood.....      | Cuttings,                | 60 "               | 6 to 9 "            | 7 "             | ----- |
| Peach.....           | Seed,                    | -----              | 24 to 36 inches.    | 30 inches.      | ----- |
| Box Elder.....       | "                        | -----              | 12 to 20 "          | 15 "            | ----- |
| Box Elder.....       | "                        | -----              | 20 to 30 "          | 25 "            | ----- |
| Honey Locust.....    | "                        | -----              | 15 to 25 "          | 20 "            | ----- |
| Black Walnut.....    | "                        | -----              | 12 to 18 "          | 15 "            | ----- |
| Kentucky Coffee..... | "                        | -----              | 4 to 12 "           | 6 "             | ----- |
| Hackberry.....       | "                        | -----              | 12 to 20 "          | 15 "            | ----- |
| Silver Maple.....    | "                        | -----              | 20 to 30 "          | 25 "            | ----- |
| Catalpa.....         | "                        | -----              | 24 to 36 "          | 30 "            | ----- |

The second experimental station is at Ellinwood, 215 miles west of the east line of the State; elevation 1,760 feet. Soil a black, sandy loam, with stiff clay subsoil. The following table shows the success of the different varieties planted here:

## TREES PLANTED IN SPRING OF 1873. GROWTH OF THREE YEARS.

| NAMES OF TREES.   | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. | DIAMETER IN INCHES. |
|-------------------|--------------------------|--------------------|---------------------|-----------------|---------------------|
| Silver Maple..... | 1 year old,              | 80 per cent.       | 7 to 8 feet.        | 7½ feet.        | 1½ to 2½ in.        |
| Honey Locust..... | 1 "                      | 100 "              | 6 to 8 "            | 7 "             | 1 to 2 "            |
| Catalpa.....      | 1 "                      | 90 "               | 4 to 6 "            | 5 "             | 1 to 2½ "           |
| Box Elder.....    | 1 "                      | 90 "               | 6 to 9 "            | 7 "             | 1 to 2 "            |
| American Elm..... | 1 "                      | 90 "               | 5 to 7 "            | 6 "             | 1 to 2 "            |
| Cottonwood.....   | Cuttings,                | 50 "               | 11 to 13 "          | 12 "            | 3 to 4 "            |
| Catalpa.....      | Seeds,                   | -----              | 4 to 6 "            | 5 "             | 1 to 2 "            |
| Box Elder.....    | "                        | -----              | 7 to 9 "            | 8 "             | 1 to 2 "            |
| Allantus.....     | "                        | -----              | 8 to 10 "           | 9 "             | 1 to 2 "            |
| Peach.....        | "                        | -----              | 5 to 6 "            | 5½ "            | 1 to 2 "            |
| Ash.....          | "                        | -----              | 3 to 4 "            | 3½ "            | ¾ to 1 "            |
| Black Walnut..... | "                        | -----              | 3 to 5 "            | 4 "             | 1 to 2 "            |

## TREES PLANTED IN SPRING OF 1874. GROWTH OF TWO YEARS.

| NAMES OF TREES.    | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. | DIAMETER IN INCHES. |
|--------------------|--------------------------|--------------------|---------------------|-----------------|---------------------|
| Allantus .....     | 1 year old,              | 90 per cent.       | 5 to 6 feet.        | 5½ feet.        | 1 to 2 inches.      |
| Ash .....          | 1 "                      | 80 "               | 3 to 5 "            | 4 "             | ¼ to 1 "            |
| Cottonwood .....   | Cuttings,                | 60 "               | 7 to 9 "            | 8 "             | 1 to 2½ "           |
| Grey Willow .....  | "                        | 20 "               | 5 to 7 "            | 6 "             | 1 to 2 "            |
| White Willow ..... | "                        | 20 "               | 4 to 5 "            | 4½ "            | 1 to 2 "            |
| Allantus .....     | Seed,                    | -----              | 5 to 7 "            | 6 "             | 1 to 2 "            |
| Osage Orange ..... | "                        | -----              | 3 to 5 "            | 4 "             | ¾ to 1 "            |
| Black Walnut ..... | "                        | -----              | 2 to 3 "            | 2½ "            | ¾ to 1 "            |

## TREES PLANTED IN SPRING OF 1875. GROWTH OF ONE YEAR.

| NAMES OF TREES.        | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. |       |
|------------------------|--------------------------|--------------------|---------------------|-----------------|-------|
| Box Elder .....        | 1 year old,              | 90 per cent.       | 10 to 30 inches.    | 20 inches.      | ----- |
| Allantus .....         | 1 "                      | 100 "              | 3 to 5 feet.        | 4 feet.         | ----- |
| Catalpa .....          | 1 "                      | 100 "              | 18 to 36 inches.    | 25 inches.      | ----- |
| Honey Locust .....     | 1 "                      | 90 "               | 15 to 30 "          | 30 "            | ----- |
| American Elm .....     | 1 "                      | 90 "               | 10 to 30 "          | 15 "            | ----- |
| Peach (seedling) ..... | 1 "                      | 100 "              | 18 to 36 "          | 24 "            | ----- |
| Ash .....              | 1 "                      | 100 "              | 6 to 18 "           | 10 "            | ----- |
| Black Walnut .....     | Seed,                    | -----              | 6 to 12 "           | 10 "            | ----- |
| Cottonwood .....       | Cuttings,                | 75 per cent.       | 4 to 6 "            | 5 feet.         | ----- |

The third station is at Garfield, 256 miles west of the State line; elevation 2,100 feet. Soil, light loam, with clay subsoil. Here we did not commence planting until spring of 1874, a year later than at the other stations.

The following table shows the success of different varieties planted here:

## TREES PLANTED IN SPRING OF 1874. GROWTH OF TWO YEARS.

| NAMES OF TREES.    | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. | DIAMETER IN INCHES. |
|--------------------|--------------------------|--------------------|---------------------|-----------------|---------------------|
| Box Elder .....    | 1 year old,              | 100 per cent.      | 4 to 6 feet.        | 5 feet.         | 1 to 2 inches.      |
| Allantus .....     | 1 "                      | 100 "              | 5 to 6 "            | 5½ "            | 1 to 2 "            |
| Cottonwood .....   | Cuttings,                | 20 "               | 7 to 9 "            | 8 "             | 1 to 2 "            |
| Grey Willow .....  | "                        | 10 "               | 6 to 8 "            | 7 "             | 1 to 1½ "           |
| Box Elder .....    | Seed,                    | -----              | 5 to 6 "            | 5½ "            | 1 to 1½ "           |
| Black Walnut ..... | "                        | -----              | 2 to 4 "            | 3 "             | 1 to 1½ "           |
| Allantus .....     | "                        | -----              | 4 to 5 "            | 4½ "            | 1 to 1½ "           |

## TREES PLANTED IN SPRING OF 1875. GROWTH OF ONE YEAR.

| NAMES OF TREES.    | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. |       |
|--------------------|--------------------------|--------------------|---------------------|-----------------|-------|
| Box Elder .....    | 1 year old,              | 100 per cent.      | 12 to 30 inches.    | 24 inches.      | ----- |
| American Elm ..... | 1 "                      | 90 "               | 6 to 24 "           | 18 "            | ----- |
| Honey Locust ..... | 1 "                      | 80 "               | 6 to 30 "           | 15 "            | ----- |
| Ash .....          | 1 "                      | 75 "               | 6 to 12 "           | 9 "             | ----- |
| Peach .....        | 1 "                      | 100 "              | 12 to 30 "          | 24 "            | ----- |
| Cottonwood .....   | Cuttings,                | 60 "               | 5 to 7 feet.        | 6 feet.         | ----- |
| Black Walnut ..... | Seed,                    | -----              | 6 to 12 inches.     | 9 inches.       | ----- |
| Catalpa .....      | "                        | -----              | 6 to 18 "           | 12 "            | ----- |

The fourth station is at Spearville, 283 miles west of the State line; elevation, 2,480 feet; soil, deep, dark loam, with clay subsoil. This place is on the high upland prairie, and is generally known by the name of "Dry Ridge." While the growth is not quite as good, the trees lived about as well as at other points farther east, as the following table will show:

## TREES PLANTED IN SPRING OF 1873. GROWTH OF THREE YEARS.

| NAMES OF TREES.   | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. | DIAMETER IN INCHES. |
|-------------------|--------------------------|--------------------|---------------------|-----------------|---------------------|
| Silver Maple..... | 1 year old,              | 90 per cent.       | 4 to 5 feet.        | 4½ feet.        | 1 to 2 in.          |
| Box Elder.....    | 1 "                      | 80 "               | 4 to 6 "            | 5 "             | 1 to 2 "            |
| Honey Locust..... | 1 "                      | 100 "              | 4 to 5 "            | 4½ "            | 1 to 1½ "           |
| Ailantus.....     | 1 "                      | 100 "              | 4 to 6 "            | 5 "             | 1 to 2 "            |
| Black Walnut..... | Seed,                    | -----              | 2 to 3 "            | 2½ "            | ¼ to 1 "            |
| Ailantus.....     | "                        | -----              | 4 to 5 "            | 4½ "            | 1 to 2 "            |

## TREES PLANTED IN SPRING OF 1874. GROWTH OF TWO YEARS.

| NAMES OF TREES.   | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. | DIAMETER IN INCHES. |
|-------------------|--------------------------|--------------------|---------------------|-----------------|---------------------|
| Box Elder.....    | 1 year old,              | 90 per cent.       | 4 to 6 feet.        | 5 feet.         | 1 to 2 inches.      |
| Ailantus.....     | 1 "                      | 100 "              | 2 to 4 "            | 3 "             | 1 to 2 "            |
| Ash.....          | 1 "                      | 50 "               | 1 to 2 "            | 1½ "            | ¼ to 1 "            |
| Black Walnut..... | Seed,                    | -----              | 1 to 2 "            | 1½ "            | ¼ to 1 "            |
| Box Elder.....    | "                        | -----              | 3 to 5 "            | 4 "             | ¼ to 1 "            |

## TREES PLANTED IN SPRING OF 1875. GROWTH OF ONE YEAR.

| NAMES OF TREES.   | AGE AT TIME OF PLANTING. | PROPORTION LIVING. | EXTREMES OF HEIGHT. | AVERAGE HEIGHT. |       |
|-------------------|--------------------------|--------------------|---------------------|-----------------|-------|
| Ailantus.....     | 1 year old,              | 100 per cent.      | 12 to 30 inches.    | 24 inches.      | ----- |
| Honey Locust..... | 1 "                      | 90 "               | 6 to 15 "           | 12 "            | ----- |
| American Elm..... | 1 "                      | 75 "               | 3 to 12 "           | 9 "             | ----- |
| Peach.....        | 1 "                      | 80 "               | 10 to 30 "          | 20 "            | ----- |
| Box Elder.....    | 1 "                      | 80 "               | 12 to 36 "          | 24 "            | ----- |
| Ash.....          | 1 "                      | 75 "               | 3 to 12 "           | 6 "             | ----- |
| Black Walnut..... | Seed,                    | -----              | 6 to 12 "           | 9 "             | ----- |

Considering that all our planting the first year was on newly-broken sod, and having the devastating army of grasshoppers the second year (1874) to contend with, I think the success of our work will compare favorably with forest-tree planting in other parts of the country.

Yours respectfully,

C. H. LONGSTRETH,  
Forester for A., T. & S. F. R. R. Co.

## LAND DEPARTMENT OF THE KANSAS PACIFIC RAILWAY.

By S. J. GILMORE, Land Commissioner.

Lands belonging to Kansas Pacific Railway Company, and unsold October 1st, 1875.

| COUNTIES.         | ACRES.     | COUNTIES.            | ACRES.       |
|-------------------|------------|----------------------|--------------|
| Wyandotte.....    | 190.00     | Rice.....            | 51,238.39    |
| Johnson.....      | 378.69     | Osborne.....         | 23,007.72    |
| Douglas.....      | 40.00      | Russell.....         | 232,060.74   |
| Franklin.....     | 411.78     | Barton.....          | 92,831.24    |
| Jackson.....      | 707.13     | Rooks.....           | 38,516.88    |
| Shawnee.....      | 200.00     | Ellis.....           | 218,069.27   |
| Osage.....        | 80.00      | Rush.....            | 77,409.05    |
| Wabaunsee.....    | 41,065.09  | Graham.....          | 125,520.92   |
| Pottawatomie..... | 9,731.22   | Trego.....           | 202,218.66   |
| Morris.....       | 6,406.51   | Ness.....            | 8,247.64     |
| Davis.....        | 41,784.38  | Sheridan.....        | 176,105.03   |
| Riley.....        | 27,721.59  | Gove.....            | 215,441.28   |
| Marion.....       | 314.12     | Wallace.....         | 608,903.05   |
| Dickinson.....    | 27,237.11  | Thomas.....          | 202,614.73   |
| Clay.....         | 1,791.09   | Sherman.....         | 65,867.28    |
| Ottawa.....       | 41,811.74  | Wichita.....         | 16,010.20    |
| Saline.....       | 44,659.22  | Greeley.....         | 60,081.34    |
| McPherson.....    | 22,703.13  |                      |              |
| Lincoln.....      | 80,685.56  | Total in Kansas..... | 2,919,144.38 |
| Ellsworth.....    | 153,162.90 |                      |              |

Maximum price, \$6 per acre: minimum, \$2; average, \$3.

## LAND DEPARTMENT, MISSOURI, KANSAS &amp; TEXAS RAILWAY.

By ISAAC T. GOODNOW, Land Commissioner.

Agreeable to your request of the 28th ult., I hand you the following statement of lands unsold in the different counties within the grant of the M., K. & T. R. R., Nov. 1, 1875.

| COUNTIES.       | ACRES.    | COUNTIES.       | ACRES.    |
|-----------------|-----------|-----------------|-----------|
| Morris .....    | 29,045.15 | Lyon .....      | 45,129.97 |
| Woodson .....   | 49,488.97 | Davis .....     | 86,526.55 |
| Wabunsee .....  | 64,186.60 | Chase .....     | 44,339.82 |
| Greenwood ..... | 70,937.25 | Dickinson ..... | 33,123.20 |
| Coffey .....    | 22,224.68 | Riley .....     | 16,383.00 |
| Anderson .....  | 8,134.67  | Allen .....     | 6,181.47  |
| Buier .....     | 5,615.97  | Cloud .....     | 3,438.63  |
| Clay .....      | 1,760.00  | Marion .....    | 320.95    |

The prices of above lands are usually from \$2 to \$6 per acre, and sold on ten years' time, at seven per cent. interest; or 33 $\frac{1}{3}$  per cent. discount for all cash.

## LAND DEPARTMENT OF THE MISSOURI RIVER, FORT SCOTT AND GULF RAILROAD.

By JNO. A. CLARK, Land Commissioner.

The Missouri River, Fort Scott & Gulf Railroad Company has, in round numbers, 875,000 acres of land in Kansas remaining unsold, viz.:

|                      |               |
|----------------------|---------------|
| Bourbon County ..... | 45,000 acres. |
| Crawford " .....     | 170,000 "     |
| Cherokee " .....     | 155,000 "     |
| Allen " .....        | 2,000 "       |
| Linn " .....         | 3,000 "       |

The prices of the agricultural lands are from \$2.00 to \$8.00 per acre—averaging about \$5.50; and of coal land from \$8.00 to \$25.00—with some tracts higher—averaging about \$15.00. The lands are sold on credit, running through ten years; one-fifth, or 20 per cent., reduction is made for cash. The title is perfect.

## CENTRAL BRANCH, UNION PACIFIC RAILROAD LANDS.

This company has unsold lands, located as follows, to wit.:

|                              |                 |
|------------------------------|-----------------|
| Atchison .....               | 9,300.43 acres. |
| Brown .....                  | 49,594.94 "     |
| Jackson .....                | 296.00 "        |
| Marshall .....               | 94,155.49 "     |
| Nemaha .....                 | 32,756.01 "     |
| Pottawatomie .....           | 43,710.19 "     |
| Riley .....                  | 7,445.18 "      |
| Pottawatomie and Riley ..... | 3,456.70 "      |

Owing to the fact that the above list of lands was not received until after the maps of Atchison and Brown counties were engraved, the lands located in those counties do not appear on the maps.

\_\_\_\_\_

ref 1

# INDEX.

| A                                                          |                  | PAGE |                                                           |         | PAGE |
|------------------------------------------------------------|------------------|------|-----------------------------------------------------------|---------|------|
| Acres, in all crops for fifteen years.....                 | 25               |      | Chase county, industries of .....                         | 75      |      |
| Agricultural college, cost of .....                        | 301              |      | Chautauqua county, industries of.....                     | 72      |      |
| Agricultural statistics (see counties, industries of)..... | 301              |      | Cherokee county, industries of .....                      | 79      |      |
| Agriculture—                                               |                  |      | Churches .....                                            | 309-312 |      |
| Area .....                                                 | 20               |      | Denominations .....                                       | 309-312 |      |
| Cattle .....                                               | 32               |      | Edifices .....                                            | 309-312 |      |
| Diagram of crops .....                                     | 25-38            |      | Membership .....                                          | 309-312 |      |
| Diagram of improved land.....                              | 23               |      | Organizations, number of .....                            | 309-312 |      |
| Diagram of population.....                                 | 24               |      | Value of church property .....                            | 309-312 |      |
| Domestic animals .....                                     | 32, 33           |      | (See counties, industries of) .....                       | 44-297  |      |
| Drought .....                                              | 18               |      | Cigars .....                                              | 315     |      |
| Horses .....                                               | 33               |      | Clay county, industries of .....                          | 82      |      |
| Improved lands .....                                       | 22               |      | Cloud county, industries of.....                          | 86      |      |
| Kansas and seven other States compared, .....              | 35-38            |      | Clover, meadow, tables of product and value. ..           | 38      |      |
| Rainfall .....                                             | 20, 21, 31       |      | Coal, see county industries .....                         | 44-297  |      |
| Sheep .....                                                | 32               |      | Coffey county, industries of .....                        | 90      |      |
| Sketch of, by J. A. Anderson .....                         | 18-38            |      | Constitution Hall .....                                   | 9       |      |
| Statistics .....                                           | 23-39            |      | Corn .....                                                | 27, 33  |      |
| Swine .....                                                | 32               |      | Map, showing average yield, 1875 .....                    | 34      |      |
| Unorganized counties .....                                 | 20, 296          |      | Product and value for 1875 .....                          | 33, 35  |      |
| Wheat .....                                                | 28-30            |      | Coronado, expedition of .....                             | 5       |      |
| Wheat, average yield .....                                 | 34               |      | Cotton, table of product and value .....                  | 33, 35  |      |
| Allen county, industries of .....                          | 44               |      | Counties—                                                 |         |      |
| Anderson county, industries of .....                       | 47               |      | Names of .....                                            | 44-297  |      |
| Anderson, J. A., on Kansas Agriculture .....               | 18-38            |      | When organized .....                                      | 321     |      |
| Apiculture, (see county industries) .....                  | 44-297           |      | Industries of .....                                       | 44-297  |      |
| Appropriations .....                                       | 299-301          |      | County indebtedness.....                                  | 302     |      |
| Area .....                                                 | 20               |      | County seats, list of (see counties, industries of) ..... | 44-297  |      |
| Assessed valuation .....                                   | 302              |      | Cowley county, industries of .....                        | 95      |      |
| Atchison county, industries of .....                       | 50               |      | Crawford county, industries of .....                      | 98      |      |
| Auditor, annual appropriations to .....                    | 300, 301         |      | Crops of the State for 1875 .....                         | 33      |      |
|                                                            |                  |      | Cultivated acres of State .....                           | 35      |      |
|                                                            |                  |      | “ “ by counties.....                                      | 314     |      |
|                                                            |                  |      |                                                           |         |      |
| B                                                          |                  |      | D                                                         |         |      |
| Banks and bankers .....                                    | 316-318          |      | Dairy products, see counties, industries of ..            | 44-297  |      |
| (See county industries).....                               | 44-297           |      | Davis county, industries of.....                          | 101     |      |
| Barbour county, industries of.....                         | 56               |      | Deaf and Dumb, cost of .....                              | 299-301 |      |
| Barley, tables of product and value .....                  | 33, 35           |      | Debt of State and sinking fund .....                      | 298-301 |      |
| Barton county, industries of.....                          | 58               |      | Dickinson county, industries of .....                     | 106     |      |
| Blind asylum, cost of .....                                | 299-301          |      | Dogs, see county industries .....                         | 44-297  |      |
| Board of agriculture, cost of .....                        | 299-301          |      | Doniphan county, industries of .....                      | 111     |      |
| Bourbon county, industries of .....                        | 61               |      | Douglas county, industries of.....                        | 114     |      |
| Breweries .....                                            | 315              |      |                                                           |         |      |
| Broom corn, tables of product and value ..                 | 33, 35           |      | E                                                         |         |      |
| Brown county, industries of .....                          | 65               |      | Edwards county, industries of.....                        | 118     |      |
| Buckwheat, tables of product and value ..                  | 33, 35           |      | Elk county, industries of.....                            | 121     |      |
| Building stone (see counties, industries of) .....         | 44-297           |      | Ellis county, industries of.....                          | 124     |      |
| Butler county, industries of .....                         | 69               |      | Ellsworth county, industries of.....                      | 126     |      |
|                                                            |                  |      | Explorations by Coronado, and others.....                 | 6       |      |
|                                                            |                  |      |                                                           |         |      |
| C                                                          |                  |      | F                                                         |         |      |
| Captain's buildings .....                                  | 8, 9, 10, 12, 16 |      | Face of country, (see counties, industries of) .....      | 44-297  |      |
| Castor bean, tables of product and value ..                | 33, 35           |      | Facts in relation to Kansas .....                         | 5-17    |      |
| Catholic missions.....                                     | 8                |      |                                                           |         |      |

|                                                                                                   | PAGE             |                                                                                               | PAGE    |
|---------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------|---------|
| Farm animals, (see counties, industries of).....                                                  | 44-297           | Illustrations and Diagrams—                                                                   |         |
| Fences, (see counties, industries of).....                                                        | 44-297           | Line exhibit of the relative average yield of corn in seven States and Kansas, 1862-1873..... | 37      |
| Flax—                                                                                             |                  | Line exhibit of the relative increase of winter and spring wheat from 1870 to 1875.....       | 29, 30  |
| Tables of product and value.....                                                                  | 33               | Map, showing the average yield of winter wheat, spring wheat and corn.....                    | 34      |
| Product of 1874-5.....                                                                            | 35               | Map, showing the density and centre of population.....                                        | 322     |
| Ford county, industries of.....                                                                   | 130              | View of Abilene and vicinity.....                                                             | 109     |
| Franklin county, industries of.....                                                               | 133              | View of Atchison.....                                                                         | 52      |
|                                                                                                   |                  | View of Blue Rapids.....                                                                      | 191     |
| <b>G</b>                                                                                          |                  | View of Chetopa Public School.....                                                            | 167     |
| Gardens, (see counties, industries of).....                                                       | 44-297           | View of Holton.....                                                                           | 151     |
| Government lands, how to obtain (see maps of counties).....                                       | 327-337          | View of Junction City and vicinity.....                                                       | 104     |
| Governor, annual appropriations to.....                                                           | 300              | View of Leavenworth City.....                                                                 | 173     |
| Greeley, Horace, impressions of Kansas.....                                                       | 13               | View of Manhattan.....                                                                        | 254     |
| Greenwood county, industries of.....                                                              | 137              | View of Rocky Ford, Pottawatomie county.....                                                  | 239     |
|                                                                                                   |                  | View of Topeka, capital of Kansas.....                                                        | 269     |
| <b>H</b>                                                                                          |                  | View of Wyandotte and vicinity.....                                                           | 293     |
| Harvey county, industries of.....                                                                 | 141              | Improved lands.....                                                                           | 22, 23  |
| Hemp—                                                                                             |                  | Industries by counties (see counties).....                                                    | 44-297  |
| Tables of product and value.....                                                                  | 33               | Inane Asylum, cost of.....                                                                    | 299-301 |
| Product of 1874 and 1875.....                                                                     | 35               | Irving, Washington, visits Kansas.....                                                        | 7       |
| History of Kansas, by D. W. Wilder.....                                                           | 5-17             |                                                                                               |         |
| Horses.....                                                                                       | 87               | <b>J</b>                                                                                      |         |
| Horticulture (see county industries).....                                                         | 44-297           | Jackson county, industries of.....                                                            | 148     |
|                                                                                                   |                  | Jefferson county, industries of.....                                                          | 153     |
| <b>I</b>                                                                                          |                  | Jewell county, industries of.....                                                             | 156     |
| Indebtedness of counties.....                                                                     | 302              | Johnson county, industries of.....                                                            | 167     |
| Illustrations and Diagrams—                                                                       |                  | Judiciary, annual appropriations to.....                                                      | 299-301 |
| Bird's-eye view of agricultural college farm.....                                                 | 254              |                                                                                               |         |
| Bird's-eye view of Burlington.....                                                                | 93               | <b>K</b>                                                                                      |         |
| Bridge over Missouri river at Atchison....                                                        | 54               | Kansas, ceded to Spain and France.....                                                        | 6       |
| Capitol buildings.....                                                                            | 8, 9, 10, 12, 16 | Kansas, history of, by D. W. Wilder.....                                                      | 5-17    |
| Chase county court house.....                                                                     | 78               |                                                                                               |         |
| Diagram, showing annual school fund....                                                           | 313              | <b>L</b>                                                                                      |         |
| Diagram, showing appropriations for 1861-1875, also State debt and sinking fund..                 | 298-301          | Labette county, industries of.....                                                            | 163     |
| Diagram, showing membership and valuation of church property.....                                 | 313              | Lands, public (see public lands).....                                                         | 327-337 |
| Diagram of occupations.....                                                                       | 324              | Lands unsold (see maps of counties).....                                                      | 44-291  |
| Diagram, showing permanent school fund.....                                                       | 313              | Lawrence, capitol buildings.....                                                              | 10      |
| Line exhibit of improved land.....                                                                | 23               | Leavenworth county, industries of.....                                                        | 169     |
| Line exhibit of population.....                                                                   | 94               | Lecompton capitol buildings.....                                                              | 9, 10   |
| Line exhibit of acreage of all crops for 1860 and 1875.....                                       | 25               | Legislative expenses.....                                                                     | 299-301 |
| Line exhibit of acreage of all crops by periods.....                                              | 26               | Libraries, (see counties, industries of).....                                                 | 44-297  |
| Line exhibit of wheat and corn 1860 and 1875.....                                                 | 27               | Lincoln county, industries of.....                                                            | 174     |
| Line exhibit of rainfall.....                                                                     | 31               | Linn county, industries of.....                                                               | 177     |
| Line exhibit of average yield of corn of seven States and Kansas, from 1862 to 1873.....          | 36               | Live stock.....                                                                               | 32, 33  |
| Line exhibit of the average yield of wheat of seven States and Kansas, from 1862 to 1873.....     | 36               | Lyon county, industries of.....                                                               | 180     |
| Line exhibit of the relative average yield of wheat in seven States and Kansas, 1862 to 1873..... | 38               |                                                                                               |         |
|                                                                                                   |                  | <b>M</b>                                                                                      |         |
|                                                                                                   |                  | Manufactories—                                                                                |         |
|                                                                                                   |                  | (See county industries).....                                                                  | 44-297  |
|                                                                                                   |                  | Lists of, 1874, 1875.....                                                                     | 315     |
|                                                                                                   |                  | Map of State. (See frontispiece.)                                                             |         |
|                                                                                                   |                  | Maps—                                                                                         |         |
|                                                                                                   |                  | Allen County.....                                                                             | 44      |
|                                                                                                   |                  | Anderson county.....                                                                          | 47      |
|                                                                                                   |                  | Atchison county.....                                                                          | 51      |
|                                                                                                   |                  | Barbour county.....                                                                           | 56      |
|                                                                                                   |                  | Barton county.....                                                                            | 59      |
|                                                                                                   |                  | Bourbon county.....                                                                           | 62      |



|                          | PAGE |                                                    | PAGE          |
|--------------------------|------|----------------------------------------------------|---------------|
| <b>Maps—</b>             |      | <b>Maps—</b>                                       |               |
| Brown county.....        | 65   | Woodson county.....                                | 288           |
| Butler county.....       | 69   | Wyandotte county.....                              | 291           |
| Chautauqua county.....   | 73   | Marion county, industries of.....                  | 184           |
| Chase county.....        | 76   | Marshall county, industries of.....                | 188           |
| Cherokee county.....     | 79   | McPherson county, industries of.....               | 193           |
| Clay county.....         | 83   | Menmonites.....                                    | 145-148       |
| Cloud county.....        | 86   | Miami county, industries of.....                   | 196           |
| Coffey county.....       | 91   | Millet and Hungarian—                              |               |
| Cowley county.....       | 95   | Tables of product and value.....                   | 38            |
| Crawford county.....     | 99   | Mitchell county, industries of.....                | 200           |
| Davis county.....        | 102  | Montgomery county, industries of.....              | 203           |
| Dickinson county.....    | 107  | Morris county, industries of.....                  | 207           |
| Doniphan county.....     | 112  | Mules and asses.....                               | 33            |
| Douglas county.....      | 115  |                                                    |               |
| Edwards county.....      | 119  | <b>N</b>                                           |               |
| Elk county.....          | 121  | Nativity, (see counties, industries of).....       | 44-297        |
| Ellis county.....        | 124  | Nemaha county, industries of.....                  | 210           |
| Elleworth county.....    | 127  | Neosho county, industries of.....                  | 213           |
| Ford county.....         | 131  | Newspapers.....                                    | 16            |
| Franklin county.....     | 133  | List of.....                                       | 325, 326      |
| Greenwood county.....    | 138  | (See counties, industries of).....                 | 44-297        |
| Harvey county.....       | 142  | Normal School, cost of.....                        | 299-301       |
| Jackson county.....      | 149  | Norton county, industries of.....                  | 217           |
| Jefferson county.....    | 153  |                                                    |               |
| Jewell county.....       | 157  | <b>O</b>                                           |               |
| Johnson county.....      | 161  | Oats, tables of product and value.....             | 33            |
| Labette county.....      | 164  | Occupations.....                                   | 323, 324      |
| Leavenworth county.....  | 170  | Engaged in Manufactures, Mechanical                |               |
| Lincoln county.....      | 175  | and Mining industries.....                         | 323, 324      |
| Linn county.....         | 178  | Engaged in Professional and Personal               |               |
| Lyon county.....         | 181  | services.....                                      | 323, 324      |
| Marion county.....       | 185  | Engaged in Trade and Transportation.....           | 323, 324      |
| Marshall county.....     | 189  | Engaged in all classes of occupations.....         | 323, 324      |
| McPherson county.....    | 194  | Showing sex and nativity, by counties—             |               |
| Miami county.....        | 197  | (See counties, industries of).....                 | 44-297        |
| Mitchell county.....     | 200  | Officers.....                                      | 2             |
| Montgomery county.....   | 204  | Osage county, industries of.....                   | 220           |
| Morris county.....       | 207  | Osborne county, industries of.....                 | 224           |
| Nemaha county.....       | 211  | Ottawa county, industries of.....                  | 227           |
| Neosho county.....       | 214  |                                                    |               |
| Norton county.....       | 218  | <b>P</b>                                           |               |
| Osage county.....        | 220  | Parkman, Francis, visit to Kansas.....             | 11            |
| Osborne county.....      | 225  | Pasture, table of acreage.....                     | 33            |
| Ottawa county.....       | 227  | Pawnee, capitol building.....                      | 8             |
| Pawnee county.....       | 231  | Pawnee county, industries of.....                  | 230           |
| Phillips county.....     | 234  | Penitentiary, cost of.....                         | 299-301       |
| Pottawatomie county..... | 237  | Permanent school fund.....                         | 305, 306, 313 |
| Reno county.....         | 242  | Phillips county, industries of.....                | 233           |
| Republic county.....     | 245  | Population.....                                    | 13, 23, 24    |
| Rice county.....         | 248  | Centre of.....                                     | 319, 320      |
| Riley county.....        | 251  | “ “ on State map (frontispiece).....               |               |
| Rush county.....         | 256  | “ “ on map.....                                    | 322           |
| Russell county.....      | 258  | Of the State, 1860, 1870, 1875.....                | 321           |
| Saline county.....       | 261  | By townships and cities (see county in-            |               |
| Sedgwick county.....     | 264  | dustries).....                                     | 44-297        |
| Shawnee county.....      | 267  | Increase of.....                                   | 13            |
| Smith county.....        | 272  | Potatoes (Irish), tables of product and value..... | 33            |
| Sumner county.....       | 275  | Potatoes (sweet), tables of product and value..... | 33            |
| Wabauunsee county.....   | 278  | Pottawatomie, industries of.....                   | 236           |
| Washington county.....   | 282  | Poultry and Eggs (see counties, industries of)     |               |
| Wilson county.....       | 285  |                                                    | 44-297        |

|                                                                     | PAGE     |                                                                      | PAGE         |
|---------------------------------------------------------------------|----------|----------------------------------------------------------------------|--------------|
| Prairie meadow (under fence), tables of product and value.....      | 83       | School Fund—                                                         |              |
| Principal streams (see counties, industries of).....                | 44-297   | Permanent, Insurance license .....                                   | 305          |
| Printing, cost of .....                                             | 299-301  | "    Investment of .....                                             | 305          |
| Printing press, first one in Kansas .....                           | 8        | "    Diagram of .....                                                | 313          |
| Public lands—                                                       |          | Schools .....                                                        | 303-308      |
| How to obtain Government lands....                                  | 327-337  | (See county industries) .....                                        | 44-297       |
| Land districts (see State map).                                     |          | School statistics, tables of .....                                   | 307, 308     |
|                                                                     |          | Secretary of State, annual appropriations to .....                   | 299-301      |
| <b>R</b>                                                            |          | Sedgwick county, industries of .....                                 | 263          |
| Railroad connections (see counties, industries of) .....            | 44-297   | Sex (see counties, industries of) .....                              | 44-297       |
| Railroad lands (see maps of counties).                              |          | Shawnee county, industries of .....                                  | 266          |
| Railroads of Kansas, by T. Dwight                                   |          | Shawnee Mission, capitol building .....                              | 8            |
| Thacher .....                                                       | 39-42    | Sheep .....                                                          | 32           |
| Atchison and Hannibal & St. Joseph R.R. ....                        | 39       | Sinking fund and State debt .....                                    | 298, 299     |
| Atchison, Topeka & Santa Fe R. R. ....                              | 40       | Smith county, industries of .....                                    | 271          |
| Atchison & Nebraska R. R. ....                                      | 40       | Sorghum, tables of product and value .....                           | 33           |
| Central Branch Union Pacific R. R. ....                             | 40       | State Government, cost of .....                                      | 299-301      |
| Competing lines .....                                               | 41       | Sumner, Charles, impressions of Kansas ....                          | 11           |
| Eastern connections .....                                           | 41       | Sumner county, industries of .....                                   | 274          |
| First railroad in the State .....                                   | 39       | Superintendent of public instruction, annual appropriations to ..... | 299-301      |
| Kansas Pacific R. R. ....                                           | 39       | Swine .....                                                          | 32           |
| Kansas Central R. R. ....                                           | 41       |                                                                      |              |
| Leavenworth, Lawrence & Galveston R.R. ....                         | 40       | <b>T</b>                                                             |              |
| Leavenworth, Atchison & Northwestern R. R. ....                     | 40       | Taxation .....                                                       | 302          |
| Manhattan & Northwestern R. R. ....                                 | 41       | Taxable acres .....                                                  | 314          |
| Missouri, Kansas & Texas R. R. ....                                 | 41       | Telegraph .....                                                      | 43           |
| Missouri River, Fort Scott & Gulf R. R. ....                        | 40       | Timber (see counties, industries of) .....                           | 44-297       |
| Missouri Pacific R. R. ....                                         | 40       | Timothy, meadow, tables of product and value .....                   | 33           |
| Mileage .....                                                       | 42       | Tobacco—                                                             |              |
| Samuel Hallett .....                                                | 39       | Tables of product and value .....                                    | 33           |
| St. Louis, Lawrence & Western R. R. ....                            | 41       | Product of 1874, 1875 .....                                          | 35           |
| System of .....                                                     | 39       | Topeka, capitol buildings .....                                      | 9, 12, 16    |
| Wyandotte and Leavenworth, termini of the Kansas Pacific R. R. .... | 39       | Treasurer, annual appropriations to .....                            | 299, 300     |
| Rainfall .....                                                      | 30, 21   |                                                                      |              |
| Reno county, industries of .....                                    | 241      | <b>U</b>                                                             |              |
| Republic county, industries of .....                                | 244      | University, cost of .....                                            | 299-301      |
| Rice county, industries of .....                                    | 247      | Unoccupied lands, price of (see counties, industries of) .....       | 44-297       |
| Riley county, industries of .....                                   | 250      | Unorganized counties .....                                           | 20, 296, 297 |
| Rivers of Kansas .....                                              | 42, 43   |                                                                      |              |
| Roads and Highways .....                                            | 43       | <b>V</b>                                                             |              |
| Rush county, industries of .....                                    | 255      | Valuation assessed .....                                             | 302          |
| Russell County, industries of .....                                 | 257      |                                                                      |              |
| Rye, tables of product and value .....                              | 33       | <b>W</b>                                                             |              |
| <b>S</b>                                                            |          | Wabaunsee county, industries of .....                                | 277          |
| Saline county, industries of .....                                  | 260      | Washington county, industries of .....                               | 281          |
| School fund—                                                        |          | Water power (see counties, industries of) .....                      | 44-297       |
| Annual .....                                                        | 306, 313 | Wheat .....                                                          | 28-30        |
| Annual mill tax .....                                               | 306, 313 | Map showing average yield, 1875 .....                                | 34           |
| Annual interest on unpaid principal .....                           | 306, 313 | Product and valuation .....                                          | 33           |
| Annual interest on permanent investment .....                       | 306, 313 | Where from to Kansas—                                                |              |
| Annual diagram of .....                                             | 313      | (See counties, industries of) .....                                  | 44-297       |
| Permanent, from sale of lands .....                                 | 313      | Wilder, D. W., facts in relation to Kansas ....                      | 5-17         |
| "    Estates without heirs .....                                    | 305      | Wilson county, industries of .....                                   | 284          |
|                                                                     |          | Woodson county, industries of .....                                  | 288          |
|                                                                     |          | Wool (see counties, industries of) .....                             | 44-297       |
|                                                                     |          | Wyandotte county, industries of .....                                | 291          |



